



A newsletter for the faculty, staff, friends and alumni of the Department of Surgery

The Surgical Scope

“Safer Surgery Today, Better Surgery Tomorrow”

Issue 3

www.surgery.northwestern.edu

March 2009

Spotlight on: Robert L. Walton, MD, Professor of Plastic Surgery

Northwestern University Feinberg School of Medicine warmly welcomes to its ranks Dr. Robert Walton, Professor of Surgery. Dr. Walton is the newest member of the Division of Plastic Surgery.

As a clinical investigator, plastic surgeon and previous training program director, Dr. Walton is poised to contribute great things to the rich tradition of laboratory and clinical research in the Division of Plastic Surgery. The division is well known for its dedication to cutting-edge cosmetic and reconstructive surgery. Dr. Walton, a nationally renowned microvascular surgeon, is a complimentary addition to this tradition of innovation.

Northwestern's superb reputation and training program drew Dr. Walton to the Feinberg School of Medicine, he says. Here, he will work with Dr. Michael M. Abecassis, Chief of the Division of Organ Transplantation, in order to collaborate on one of his main objectives: the development of a composite tissue allotransplantation program. Such a program would further develop sophisticated techniques for facial, nasal and breast reconstructions, which would address the needs of patients with devastating deformities.

Dr. Walton conducted 15 years of comparable research and clinical work in reconstructive and aesthetic surgery as a director of plastic surgery programs at the University of Chicago and the University of Massachusetts.

Allotransplantation, explains Dr. Walton, is the process by which tissue from donors is transplanted to patients who have deformities. Deformities might include the loss of face, limbs such as the hand, or loss of the abdominal wall, for example. The procedure is performed through microsurgery, the use of operating microscopes and miniaturized precision instruments to perform intricate procedures on very small structures.

“Allotransplantation allows us in one stage to perform complex reconstructive surgery that nearly perfectly matches the reconstructive needs of the deformity,” he says.

Facial allotransplantation is an area Dr. Walton has researched extensively. Only four surgeries of this kind have been attempted in the world, on patients who have partially lost their face due to trauma. Doctors in Cleveland, Ohio performed the first such near-total face transplant in the United States in

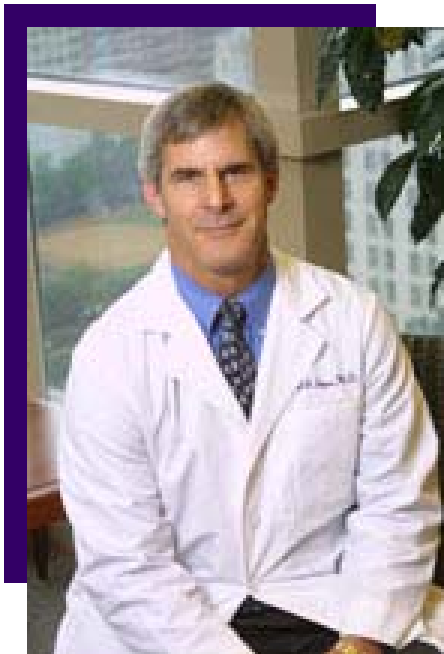


Dr. Robert Walton, the newest member of the Division of Plastic Surgery at Northwestern University Feinberg School of Medicine

At a glance

- Received medical degree from the University of Kansas in 1972
- Graduated from medical school with honors and a member of Alpha Omega Alpha medical society
- Surgery and plastic surgery training at Johns Hopkins Hospital and Yale-New Haven Hospital
- Past director of two prestigious academic programs at the University of Massachusetts and the University of Chicago
- Recent awards from the American Association of Plastic Surgeons include the Peter J. Rubin Award for Best Scientific Paper (2005) and the James Barrett Brown Award for Best Scientific Publication (2007)
- Past president of the American Society for Reconstructive Microsurgery, and has held leadership positions the American Society of Plastic Surgeons, The American College of Surgeons and the Chicago Society of Plastic Surgeons
- Research interests are in Tissue Allotransplantation and Tissue Engineering
- Clinical interests are Facial Aesthetic and Reconstructive Surgery and Breast Surgery
- Plastic Surgery Educational Foundation Visiting Professor

Message From the Chair:



Nathaniel J. Soper, MD
Loyal and Edith Davis Professor and Chair
Department of Surgery
Northwestern University Feinberg School of
Medicine

Having survived a brutal early winter season in Chicago, I am pleased to share with you the semiannual report of the Northwestern University Department of Surgery. This report highlights many of our accomplishments and provides a glimpse of our ongoing drive to fulfill our vision—"Safer surgery today, better surgery tomorrow." We have positioned ourselves as leaders and innovators in surgery and constantly strive to differentiate our approach to our chief academic missions: clinical care, surgical education and research. I will touch on just a few of the exciting developments occurring during the past six months.

Several faculty members received singular honors: Dr. William Pearce received the faculty mentor of the year award from the Feinberg School of Medicine (FSOM) and the Martin Luther King humanitarian award from Northwestern Memorial Hospital (NMH); Dr. Jon Matsumura was named President-Elect of the Midwest Vascular Society; Dr. David Mahvi was named President-Elect of the Society of Sur-

gery of the Alimentary Tract; Dr. Melina Kibbe received the Distinguished Fellow award from the Society of Vascular Surgery and the Pioneer Award from the FSOM Institute for Women's Health Research.

Faculty and staff from the divisions of gastrointestinal, oncologic, endocrine, trauma/critical care, vascular and thoracic surgery moved from Galter-10 to a new office suite located across the street in the '676' Building, recently connected by a pedestrian bridge across St. Clair Street. Included in the footprint is a large videoconference center equipped with cutting-edge HD technology supplied in part by a generous donation from the Sony Corporation. This multimedia-enabled room, our new home for most major departmental meetings, will allow videoconferencing from the operating rooms and the skills lab, as well as broadcasting via the web to distant sites. A grand opening ceremony and open house will showcase this space on March 3rd, 2009.

Several existing clinical programs have been expanded and new programs been developed to better serve our patients. These include re-accreditation of the bariatric surgery program by the SRC as a Center of Excellence, while linking the program to the new NU Center for Obesity. A new multi-departmental program for Women's Pelvic Health has been developed with participation by colorectal surgery, urogynecology and urology to improve the lives of women in the region. The divisions of vascular and plastic surgery developed a Diabetic Limb Salvage Clinic to manage complex lower extremity problems. Surgeons from the Division of Cardiac Surgery are spearheading an investigational trial into the percutaneous placement of heart valves. A cooperative effort between surgery and gastroenterology has made NMH the only hospital in the U.S.A. to perform both trans-gastric and trans-vaginal cholecystectomy, and thus be the premiere clinical site for NOTES (natural orifice transluminal endoscopic surgery) in the country. We

are also among the early adopters of single-incision laparoscopy, endoluminal antireflux procedures and laparoscopic placement of diaphragmatic pacing devices, thereby improving the lives of patients with spinal cord injury and ALS by weaning them from mechanical ventilators. Finally, with the recruitment of Dr. Robert Walton in the Division of Plastic Surgery, we are preparing to initiate a program in composite tissue allografting (see spotlight article). Clearly, the Northwestern University Department of Surgery is offering innovative and cutting edge clinical programs!

The Division of Pediatric Surgery has expanded markedly over the past 18 months. Most of the new faculty members have expertise in minimally invasive surgery, and Dr. Katherine Barsness recently hosted a national course for laparoscopic surgery for all pediatric surgery fellows in the U.S. Coincidentally, foundation work has begun on the new Ann and Robert H. Lurie Children's Hospital of Chicago, due to open in 2011 adjacent to the Prentice Women's Hospital. The physical plant of the medical center will be even more impressive, and the physical proximity will allow enhanced collaboration between the adult and pediatric surgeons in the department.

Led by Debra DaRosa, PhD., Vice-Chair of Education, the educational programs in the department continue to be outstanding and innovative. This year, more than 900 medical students applied to our residency program. At any one time, eight residents are spending two years in the laboratory. Our residency was one of the first to adopt the ACS/APDS National Skills Curriculum and perform verification of proficiency examinations to enhance our residents' skills and thereby improve patient safety. We were selected as one of only 30 programs nationally to be a Beta test site for the Web site housing the national patient care cognitive curriculum for surgical residents. Due to the disaffiliation of ENH from the Northwestern McGaw educational

See CHIEF continued on Page 3

CHIEF continued from page 2

axis, we recently affiliated with MacNeal Hospital in Berwyn, where a team of residents will be based as of July 1, 2009.

Research efforts in the department continue to expand. Over the past three years, federal research costs have doubled among our faculty members. Surgery faculty received four of the Priority Clinical Programs Collaborative Development Initiatives grants from NU/NMH. Two T-32 grants have been funded to support research fellows in Transplant and Vascular surgery, and a third grant is being prepared. All of this activity has occurred against the backdrop of diminished federal research funds nationally, truly great accomplishments.

The Department of Surgery continues to be a major contributor to the more global initiatives of our partner institutions of Northwestern University, the Feinberg School of Medicine, Northwestern Medical Faculty Foundation and Northwestern Memorial Hospital. The first year of the NUvention program, an innovation course jointly supported by the schools of medicine, law, management and bioengineering,

was a resounding success. Co-directed by Dr. Patrick McCarthy, 11 provisional patents and two licensing agreements came out of the initial offering. The second year's course is well underway, with many project teams led by faculty in the department, thereby contributing to our ongoing quest to further surgical innovation.

All of the entities at Northwestern have contributed to the planning process for an ambitious initiative, to create a truly Great Academic Medical Center at Northwestern. Many surgical faculty were involved in the recently completed planning phase, and the process for determining resource allocation is underway. We strive to be both a top 10 medical school and a top 10 hospital by 2020—'Top 10 by 2020'. Given our strong partners, we feel that these goals are audacious but obtainable. Because of the strength, depth and breadth of our faculty and staff, the Department of Surgery will be fully engaged in this quest.

We look forward to ongoing achievements and distinctions in our academic efforts, robust educational programs for training the next generation of surgical leaders, and, above all, the best care for our patients.

WALTON continued from page 1

December 2008. A colleague from the University of Chicago and a resident Dr. Walton trained assisted in the surgery, a 22-hour operation during which eight specialists transplanted muscle, blood vessels and nerves from the face of a dead female donor to the patient. Doctors told the press the woman was disfigured to the point where she could not eat or breathe on her own.

The first of this type of surgery took place in France in 2003, by a woman mauled by her dog; operations have since been carried out in China on a farmer mauled by a bear as he was protecting his sheep and again in France on a man disfigured by a genetic condition.

In his positions at the University of Chicago and the University of Massachusetts, Dr. Walton also developed novel techniques in microsurgical nasal reconstruction. These techniques offer a shot at normality for patients born without noses, or who have lost their nose due to cancer or trauma.

"We've developed techniques that are the benchmark for total and sub-total nasal deformities," Dr. Walton says.

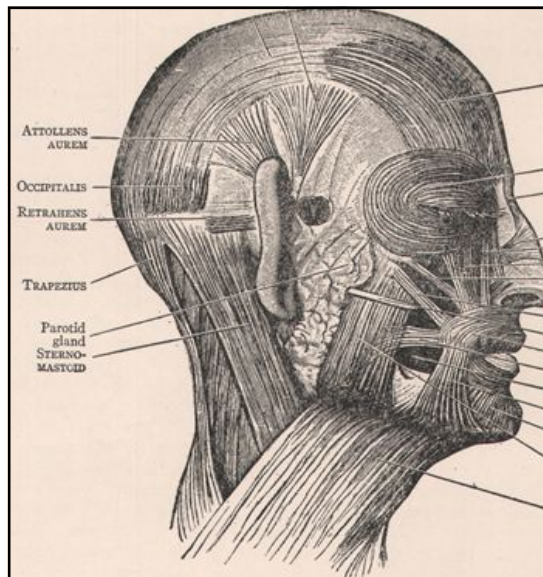
He won the prestigious James Barrett Brown Award for Best Scientific Publication in 2007 for an article he pub-

lished on microsurgical nasal reconstruction in conjunction with a University of Chicago colleague, Dr. Gary Burget.

Reconstructive microsurgical breast surgery is another area of expertise Dr. Walton will continue to develop at the Feinberg School of Medicine. Over the past 20 years, he has been a pioneer in developing and promoting microsurgical techniques, utilizing lower abdominal and buttock tissue for breast reconstruction. The use of muscle sparing tissue preserves function and avoids significant donor deformity, he says.

Outside of academia, Dr. Walton relaxes by flying airplanes. He was 10 when he had his first flying lesson in the small Kansas town where he grew up. As a child there, he also built and flew model airplanes, experiences that likely influenced the eventual development of his technical dexterity and reconstructive interests.

Since 1985, Dr. Walton has traveled to San Jorge Children's Hospital in Puerto Rico three times a year to perform reconstructive surgeries. In 1992, he founded *PROYECTO MIRA*, affiliated with the children's hospital. Mira, the Spanish word for look, is also an acronym in Spanish detailing the aim of the foundation. Its translation: A thousand faces reconstructed with love.



Juliana Keeping, Program Coordinator for the Department of Surgery, can be reached at jkeeping@nmh.org.

Research Update

2008 a record-setting year for research grants

After a significant increase in federal funding, Northwestern received research grants totaling more than \$438 million in 2008, the highest in the University's history and a 5 percent increase over the record-breaking \$416 million in 2007.

The Feinberg School of Medicine received \$268.7 million, accounting for more than 61 percent of the University's total. Feinberg's awards represented a 14 percent increase over 2007, following a 17 percent increase in 2006. The majority of the research support came from the National Institutes of Health.

The Department of Surgery also had a highly productive year. Seventy-five new proposals were submitted through the Department Of Surgery: 27 federal proposals and 48 non-federal grants and contracts.

For detailed information, please see pages 14-16

Department of Surgery faculty received 35 new awards during Fiscal Year 2008!

Federal awards: **11**
Total Direct Costs for Entire Project
\$3,686,700

Non-Federal Awards: **19**
Total Direct Costs for Entire Project
\$1,947,482

Industry Sponsored
Clinical Trials: **5**
Total costs for Entire Project
\$683,326

Surgical Education Update

Clerkship update

Dr. Julia Corcoran has recently accepted the position of Clerkship Director effective January 1, 2009. She previously served as the Associate Clerkship Director since March 2003. Dr. Corcoran completed her Masters in Health Professions Education from the University of Illinois (Chicago) in 2008.

Ms. Susan Santacaterina will assume the role of Associate Clerkship Director. Ms. Santacaterina also completed her Masters in Health Professions Education from UIC. Her start date will occur within the next several months and will be determined based on transitional requirements.

Dr. Nancy Schindler has served as the Clerkship Director since October 1, 2003. She will remain with the clerkship leadership team as the Associate Clerkship Director until the end of the academic year or until a sound leadership "hand off" has been accomplished.

We would like to take this opportunity to thank Dr. Nancy Schindler for her dedication and excellent work as our Clerkship Director. Dr. Schindler made numerous contributions to our clerkship including the development of new clerkship learning objectives, electronic instructional modules, and remedial strategies for students with difficulties. Her contributions have helped distinguish our clerkship at the local and national levels.

Oh the places you'll go....

The 2008 general surgery graduates have pursued fellowships at the following institutions:

- Bill Chiu, MD; Pediatric Surgery Fellowship. Children's Hospital of Philadelphia
- Julie McGill, MD; Endocrine Surgery Fellowship. Columbia University
- Alicia Growney, MD; Breast Surgery Fellowship. University of Michigan
- Darius Hollings, MD; Cardiothoracic Surgery Fellowship. RUSH University
- Saurabh Khandelwal, MD; Minimally Invasive Surgery Fellowship. University of Washington

Surgical Education Update continued on page 5

...continued...Surgical Education Update

Residency update

The General Surgery Residency Program has just concluded the recruitment interviews for the 2009 – 2010 academic year. Over 900 applications were received for the categorical residency program. From these, approximately 90 applicants were interviewed for five available categorical positions. Interviews were held on November 21, 2008, December 6, 2008 and January 10, 2009. The applicants were quite outstanding candidates from all over the country, so we anticipate a very successful match for 2009! Our thanks to the faculty who participated in this critical interview and candidate review process.



Dr. Fryer, Associate Program Director, greets an applicant during recruitment. The General Surgery Residency Program concluded the recruitment interviews for the 2009 – 2010 academic year. Of 900 applications received, approximately 90 applicants were interviewed for five available categorical positions.

The annual “Excellence in Teaching Awards” were presented in conjunction with Education Grand Rounds on Tuesday, October 21, 2008. Awards are given to faculty members who meet the levels of established teaching criteria and fully participate in the medical student and/or residency programs.

The winners for the 2007-2008 academic year include:

First Year Winners: Victor Lewis, MD and Nabil Issa, MD

Second Year Winners: Gary An, MD; Cord Sturgeon, MD; and Michael Verta, MD

Third Year Winners: Melina Kibbe, MD; Kyle Mueller, MD; Alexander Nagle, MD; and Marleta Reynolds, MD

Fourth Year Winners: Matthew Blum, MD

Fifth Year Winners: Ermilo Barrera, MD; Jay Prystowsky, MD; Nancy Schindler, MD; Nathaniel Soper, MD; and Mark Toyama, MD

Dr. Stephen Evans, Professor and Chair of the Department of Surgery at Georgetown University Medical Center, was the events keynote speaker and presented “Due Process and the Failing Trainee.” Following Grand Rounds, a celebratory dinner in honor of the award winners was held at Quartino’s.

N-CASE is excited to announce the implementation of a longitudinal formal skills curriculum designed for first year surgery residents. The curriculum was adapted from the National Technical Skills Curriculum published by the American College of Surgeons. This initiative has been led by Drs. Eric Hungness, Director of the Surgical Skills Curriculum, Debra DaRosa, and Jonathan Fryer.

The curriculum is comprised of 13 modules, some of which were sent to newly matched residents for practice prior to their arrival. A progress practical exam was given on these modules during the new PGY1’s orientation. The remaining curriculum modules were practiced weekly by the first year residents from July 1st through mid-November. Each skills module was led by a module leader who was then accompanied by two additional faculty members instructors.

This year’s module leaders and instructors included:

Module leaders:

Dr. Dina Elaraj

Dr. Alex Nagle

Dr. Amy Halverson

Dr. Eric Hungness

Dr. Jeff Wayne

Dr. Marie Crandall

Dr. Nabil Issa

Dr. Alberto de Hoyos

Dr. Melina Kibbe

Dr. Heron Rodriguez

Dr. Wilson Hartz, III

Dr. Nora Hansen

Ms. Susan Santacaterina

Instructors:

Dr. Gary An

Dr. Glen Balch

Dr. David Bentrem

Dr. Matthew Blum

Dr. Marie Crandall

Dr. Alberto de Hoyos

Dr. Jonathan Fryer

Dr. Robert Galiano

Dr. Melissa Hulvat

Dr. Eric Hungness

Dr. John Martin

Dr. Carla Pugh

Dr. Nancy Schindler

Dr. Michael Shapiro

Dr. Anton Skaro

Dr. Cord Sturgeon

Dr. Nancy Taft

Dr. Mark Toyama

Dr. Gerald Ujiki

Dr. Richard Vasquez

...continued...Surgical Education Update

Module leaders attended a short faculty development program that described the curriculum, their role in it, and how to effectively teach psychomotor skills. They then established learning objectives for their module and determined instructional models and methods. Dr. Eric Hungness served as the Director of the Skills Curriculum, Deb Rooney acted as coordinator, and David Irvin provided the technical support.

A Verification of Proficiency Exam (VOP) was administered on November 13, 2008 to all first year residents testing their abilities on the skills addressed in the new curriculum. Faculty directly observed and scored the residents noting which had adequately acquired the skills and which required additional practice and feedback. We applaud the residents for their hard work and appreciate the many faculty members who administered the new curriculum.

Breast Surgery Center Update

This October marked the 10th anniversary of the annual Lynn Sage Breast Cancer Symposium held here in Chicago. Highlights included the Symposium Faculty reception and the reception for the investiture of Seema A. Khan, MD as the Bluhm Family Professor of Cancer Research. Dr. Khan is the Director of the Bluhm Family Breast Cancer Early Detection and Prevention Program at Northwestern Memorial Hospital and acted as co-leader of the Breast Cancer Program at the Robert H. Lurie Cancer Center of Northwestern University in 2006. In 2008, she was named Bluhm Family Professor of Cancer Research.

Pearson, RN, participated in a three-part "Wellness Wednesdays for Women" lecture series. The series was sponsored by the NMH Health Learning Centers at the Prentice Women's Hospital.

Clinical Care

Leondra Howard, RN and Lidia Andruszyn, ANP have recently joined the Lynn Sage Breast Center staff. Leondra is now the acting nurse for Dr. Kevin Bethke, MD and Lidia is the acting Patient Liaison between mammography and surgery.

Research

Dr. Jacqueline Jeruss has received the Fiscal Year 2009 Dixon Translational Research Grant Initiative for her research submission entitled "Cyclin Mediated Inhibition of Smad 3 Tumor Suppression in Breast Cancer." The Northwestern Memorial Foundation funded the proposal in this round and will provide a one year grant of \$25,000. The Dixon Translational Research Council felt she had a precisely defined process and well presented rationale.

Rachel Novak, who formerly worked in the Division of GI/Oncologic Surgery, has moved to the Lynn Sage Breast Center as Dr. Jeruss' Administrative Assistant.

Education

During the month of January, Drs. Melissa Hulvat and Nancy Taft (The Lynn Sage Breast Fellows) along with Kay



Cardiothoracic Update

Cardiothoracic Surgery has enjoyed much success this past fall and winter.

Research

Drs. Patrick McCarthy (PI) and Chris Malaisrie (Co-I) are participating in the Edwards Lifesciences PARTNER Trial (Placement of Aortic Transcatheter Valve) for patients with severe aortic stenosis who are either inoperable or at very high risk for conventional aortic valve replacement.

Dr. Edwin McGee (PI) is participating in the Evaluation of the VentrAssist™ Left Ventricular Assist Device as a

Bridge to Cardiac Transplantation. He is evaluating a new heart assist device as a treatment for end stage heart failure patients who require circulatory assistance while waiting for a heart transplant.

Dr. Richard Lee (PI) is participating in the Medtronic Concomitant Utilization of Radio Frequency Energy for Atrial Fibrillation (CURE-AF) Study to evaluate the safety and effectiveness of the Cardioblate Surgical Ablation System for treatment of permanent atrial fibrillation.

Education

Dr. Patrick McCarthy, along with Dr. Richard Lee, directed the course entitled "Atrial Fibrillation Surgical Ablation: Concomitant and Stand-Alone; Why, How and Results" at the Society of Thoracic Surgeons (STS) University in January 2009.

Dr. Edwin McGee directed the course entitled "Mechanical Circulatory Support for Cardiogenic Shock – Adult" at STS University in January 2009.

The 19th Arthur DeBoer, MD Lectureship took place on October 2nd,

Cardiothoracic Update continued...

2008. Dr. Duke E. Cameron, Co-Director of the Dana and Albert "Cubby" Broccoli Center for Aortic Diseases, Johns Hopkins Hospital, presented "Evolution of Aortic Surgery for Marfan Syndrome".

The 4th Annual Heart Failure Holiday Symposium took place at Northwestern Memorial Hospital on December 5-6, 2008.

The Bluhm Cardiovascular Institute (BCVI) launched a physician shadowing program for Northwestern University

undergraduate students, co-directed by Dr. Richard Lee, Michael Yensel, and Susan Fox. Students have the opportunity to shadow a physician in 19 different disciplines.

Clinical Care

The BCVI has been ranked 19th in the nation and highest in Illinois among thousands of heart and heart surgery programs evaluated for the 2008 edition of *U.S. News & World Report's* "America's Best Hospitals".

GI/Oncologic Surgery Update

The division of Gastrointestinal and Oncologic Surgery is comprised of endocrine, hepatobiliary, melanoma/ soft tissue tumor, minimally invasive, bariatric and gastrointestinal surgery. Rather than offer broad strokes of the division research/ education program, this issue will highlight the outcomes group and the simulation group within GI/Oncologic surgery.

Research and Education

There are some procedures (such as pancreatectomy and esophagectomy) for less common tumors of the alimentary tract that are performed with relatively low frequency and are associated with higher morbidity and mortality. For high-risk cancer procedures, it has been established that patients undergoing procedures at low-volume hospitals have higher risks of complications and perioperative mortality than those at high-volume centers. This will not only affect perioperative outcome but may also affect utilization of surgical and non-surgical treatment.

Dr. David Bentrem recently received a VA career development award which will evaluate utilization and quality of high risk surgical procedures in both VA and non-VA patients.

It is his hypothesis that cancer care in the US is uneven and that this variation impacts patient outcome.

Dr. Carla Pugh has developed modular programs for the Feinberg School of Medicine that simulate breast, pelvic and prostate exams. Her modular tools allow for the assessment of competence in clinical skills and ultimately will allow a student (or a surgeon) to only progress to patient care when they have demonstrated clinical competence. Her innovative research has generated invitations for presentations both at national surgical meetings and with local politicians such as Mayor Richard M. Daley.

Clinical Care

The Division of Gastrointestinal and Oncologic Surgery would like to welcome Dr. Anne-Marie Boller. Dr. Boller joined the division after completion of a colorectal fellowship at the Mayo clinic and a pelvic floor fellowship at the University of Minnesota. She is focused on the development of a new pelvic floor program in conjunction with Uro-Gynecology and Urology. The new space for this program plans to open its doors in May 2009.

N-CASE Update

Education

We are excited to announce the incorporation of the National Skills Curriculum developed by the American College of Surgeons and American Program Directors of Surgery. This initiative has been led by Drs. Eric Hungness, Director of the Surgical Skills Curriculum, Debra DaRosa, and Jonathan Fryer. The new curriculum offers our residents an augmented skills experience in a laboratory setting that will be further expanded over the next several years. N-CASE is fully prepared and committed to implementing additional modules as they are developed by the ACS. The success of

the new surgery resident training initiative demonstrates faculty's strong dedication to outstanding training and assessment practices. We would like to thank all the faculty for their participation and support of this important endeavor.

Research

Education initiatives in N-CASE are based on solid theories in educational research. Current research initiatives include the development and evaluation of a sound process for creating simulation-based educational modules that focus on assessing intra-operative decision making. Drs. Pugh

and DaRosa are currently evaluating faculty reaction to the newly developed modules and are now in the planning and implementation phase of this exciting project. This work is sponsored by a grant from the U.S. Department of Defense. In addition to research in surgical education, N-CASE faculty has helped to further advances in minimally invasive surgical techniques and approaches. Drs. Nathaniel Soper, Eric Hungness and John Martin are leading this effort, which recently was funded by a NOSCAR grant. Dr. Eric Hungness is the PI and his research goal is to identify potential physiologic and clinical benefits of NOTES procedures.

Plastic Surgery Update

The Division of Plastic Surgery is making adjustments to the loss of ENH as a rotation for our PGY4 residents for six months. We are excited about adding a new faculty member, Robert Walton, MD on January 1, 2009. Dr. Walton has previously acted as Professor and Chief of Plastic Surgery at the University of Massachusetts and the University of Chicago. For the past three years he has been in private practice in Chicago. He is one of the best known microvascular surgeons in the USA, having pioneered techniques particularly in the area of total nasal reconstruction. He has also published widely on a variety of surgical techniques, including breast reconstruction.

Research

Dr. Robert Galiano has embarked on several funded clinical studies and recently hired a study coordinator. In the Wound Healing laboratory, headed by Drs. Mustoe and Galiano, we have a new collaboration with Kai Leung, PhD from Great Lakes Naval Station. The division has also received

new funding to study biofilm. Other work includes that with AFIRM(Armed Forces Institute for Regenerative Medicine) on examining new anti-scarring therapies, including stem cells. We also continue our work with collaborators from UIC (Lu DiPietro and Phil Marucha) on a P20 grant looking at scarring. We also gained new industry support for new wound healing therapeutics, and continue to evolve animal models for ischemia reperfusion.

Education

Under the leadership of our Program Director, Dr. Greg Dumanian, we are making adjustments in rotations. Although this has been necessitated by the loss of ENH, we are looking at the change as an opportunity to add a VA rotation to the schedule and to look for other experiences that will diversify the NMH rotation schedule. Our resident interviews are going well and indicate a continued strong interest in our program from the top applicants. We are pleased that Dr. Julia Corcoran, a plastic surgeon at Children's is directing the

surgical medical student clerkship. She continues to play a strong role in our residency program.

The experience and expertise in hand surgery under the guidance of Drs. Weidrich and Harris and their group, the experience at Shriners Hospital under the guidance of Dr. Patel, and the experience at Children's Hospital under the guidance of Drs. Bauer and Corcoran continue to be robust.

Clinical Care

Although the change in the economy has affected the medical field, particularly for elective surgery, we have been gratified by the minimal change in our clinical volume at NMH. As discussed above, Dr. Walton will be a strong addition to our group, providing additional expertise during these hard economic times. The diabetic limb salvage clinic, in conjunction with vascular surgery, is a major focus of Dr. Galiano from plastic surgery. We are proud to say that this program is continuing to grow and pick up organizational steam.

Trauma and Critical Care Update

The division continues to provide care for injured and critically ill patients and those with urgent or emergent general surgery conditions. Dr. Michael Shapiro has assumed the Interim Division Chief position.

Research

Division faculty are active in a wide variety of research arenas. Dr. Marie Crandall's investigation of behavioral patterns and the effect of intervention on recidivism in trauma is funded by the Robert Wood Johnson Foundation. Dr. Gary An's program of mathematical modeling of simulations of inflammation and pathophysiologic processes is funded by the National Science Foundation. Dr. Michael Shapiro remains active in the NIGMS glue grant program examining inflammation and host responses. Numerous publications have resulted, and the faculty serve as frequent presenters at national and in-

“The division continues to provide care for injured and critically ill patients and those with urgent or emergent general surgery conditions.”

ternational meetings. Drs. Crandall and An serve on the University IRB.

Education

Drs. An and Issa were awarded for excellence in teaching by the Department of Surgery, and Dr. Shapiro was awarded for outstanding teaching by the Medical School. The division's Trauma conference is scheduled to resume in

early 2009. Preparations continue for the RRC-approved Surgical Critical Care fellowship; both fellowship positions for 2009 have been filled. Dr. Crandall continues to teach in the School of Public Health at Northwestern University

Clinical Care

The mainstay of our effort remains a focus on providing state-of-the-art care to patients who are injured, critically ill or have other emergent surgical needs. Trauma numbers continue to grow, with a high percentage of penetrating injury. The division maintains a consistent approach to care that is patient-centered and evidence-based. A constant analysis of practice and outcomes insures the application of best-practice models. Dr. Issa continues his efforts in ICU updating practices to ensure consistent patient management across a diverse set of patient populations.

Vascular Surgery Update

The Division of Vascular Surgery received a \$1.1 million Priority Programs Collaborative Development Initiative grant from Northwestern Memorial Hospital. The Division of Vascular Surgery's will use this funding to develop a "Center for Limb Preservation" that will bring together individuals who have basic and clinical research interest and expertise in peripheral arterial disease (PAD) to create novel treatments and prevention programs to reduce the rate of complications due to PAD (arterial occlusion of the legs). The Center for Limb Preservation will include basic science research to develop new treatments for PAD, a clinic to treat problems caused by PAD before they become limb- or life-threatening using both traditional and innovative treatments, and a community awareness and education program to promote awareness of this disease in both patients and health care providers.

On September 12, 2008, William H. Pearce, MD, received the 2008 Faculty Mentor of the Year Award from the Medical Faculty Senate Council of Northwestern University Feinberg School of Medicine. This award recognizes faculty who have demonstrated commitment to fostering the professional growth and development of their junior faculty colleagues. Dr. Pearce exemplifies this commitment, having mentored vascular trainees (more than 40 fellows, residents, and medical students) as well as junior faculty members. The nomination and support for this award was by his mentees, many of whom cited his emphasis on developing a well-rounded life in addition to clinical and scientific expertise.

Drs. Jon S. Matsumura and Mark K. Eskandari presented three live broadcasts from Northwestern's Center for Vascular Disease to the 2008 Transcatheter Cardiovascular Therapeutics (TCT) conference held in Washington, D.C. October 12-17, 2008. The broadcasts demonstrated the latest percutaneous techniques for endovascular aortic aneurysm repair to approximately



Fatemeh Malekpour, a fellow in vascular surgery and trauma at Shonhoda Medical Center in Tehran, Iran, visited in October. To her right is Dr. James Yao.

10,000 cardiovascular specialists from around the world. Transcatheter or endovascular treatments are surgical procedures that use a catheter that is passed through a small puncture in the skin to insert small stents in the blood vessel to treat vascular disease. These minimally invasive procedures result in less pain, less blood loss and shorter recovery times. Northwestern Memorial Hospital is one of the leading hospitals in the world in endovascular procedures and often provides training to other physicians in the use of these procedures.

The 34th annual Northwestern vascular symposium (Techniques and Outcomes in Endovascular Surgery, Chicago, IL, December 11-13, 2008) honored Dr. Robert Rutherford, Distinguished and Emeritus Professor of Surgery at the University of Colorado. Dr. Rutherford is an internationally recognized figure, the author of one of the major textbooks in vascular surgery, and the former editor of the Journal of Vascular Surgery. The symposium focused on endovascular techniques and outcomes and had two-hundred-twelve registered attendees, representing the

United States, Canada, Ireland, India, Korea and Germany.

International Visitors

- Fatemeh Malekpour, a fellow in vascular surgery and trauma at Shonhoda Medical Center in Tehran, Iran, visited October 20-31, 2008.
- Hemant Pandharpurkar, Associate Professor in General and Vascular Surgery at St. John's Medical College Hospital in Bangalore, India, visited October 15 through December 14, 2008 (Atria Foundation Junior Visiting Scholar).

New Hospital Privileges

Drs. Pearce and Eskandari
Lake Forest Hospital
Lake Forest, IL

Children's Memorial Hospital Update

Research

Dr. Carl Backer of Cardiovascular-Thoracic Surgery recently published articles describing the division's participation in multi-center studies of the anti-hypertensive effects of the drug esmolol in patients undergoing repair of coarctation. He continues clinical research of arrhythmia surgery in patients with and without congenital heart defects, and late reoperations in patients who have undergone a Fontan procedure.

Dr. Sunjay Kaushal of Cardiovascular-Thoracic Surgery is the recipient of a \$200,000 two-year grant from the Children's Heart Foundation for his study "Cell-Based Therapy for Congenital Cardiomyopathy Using Endogenous Cardiac Stem Cells." The project will be an important first step in determining whether cardiac stem cells can reduce pediatric heart failure and improve life expectancy.

Dr. Mary Beth Madonna of Pediatric Surgery continues research of drug-resistance and response to growth factors in neuroblastoma.

Education

Pediatric Surgery presented the first annual Orvar Swenson Lecture in December. Dr. Juda Jona, Pediatric Surgeon at NorthShore Hospital presented "Orvar Swenson: The Man and His Mission." The lectureship honors Orvar Swenson, Chief of Surgery at Children's Memorial Hospital from 1960-1973 and the major contributor to understanding of Hirschsprung's Disease. Dr. Katherine Barsness of Pediatric Surgery served as program director of "Advanced Miniature Access Surgery for Pediatric Surgeons in Training," held in November at Northwestern's N-CASE training center. Drs. Tony Chin, David Rothstein and Erin Rowell participated as faculty.

Clinical Care

Dr. Carl Backer has been appointed Division Head of Cardiovascular-Thoracic Surgery. Since 2001 Dr. Backer has been Professor of Surgery at the Feinberg School of Medicine and the A.C. Buehler Professor of Surgery. He is also the Surgical Director of the Heart Transplant Program at Children's Memorial

Hospital. Dr. Anthony Chin has been appointed Program Director of Pediatric Surgery Critical Care and co-director of the Pediatric Surgery Intensive Care Unit. Dr. Chin completed fellowships in both Pediatric Surgery and Surgical Critical Care at Northwestern and joined the faculty at Children's Memorial Hospital in August 2007. Dr. Erin Rowell joined Pediatric Surgery in September after graduating from our fellowship program last year. Dr. Rowell is currently completing a fellowship in Surgical Ethics at the University of Chicago. Dr. Hyde Russell joins Cardiovascular-Thoracic Surgery as a Fellow, beginning in February. He is currently completing his Thoracic Surgery Residency at Northwestern Memorial Hospital.



Evanston Hospital Update

Under the leadership of Dr. Mark Talamonti, the department of surgery at NorthShore University HealthSystem continues to expand, extending its care from Lake to Cook County. With the recent merger with the former Rush North Shore Hospital, now Skokie Hospital, the four hospital system has increased the demand for surgical services, as well as educational and research opportunities in General Surgery, Surgical Oncology, Otolaryngology, Ophthalmology, Neurosurgery, Plastics, Pediatrics, Urology, Cardiac, Thoracic, and Vascular surgery.

To address the growing need for reconstructive and plastic surgery, the department has recruited a new chief for the division, Dr. Karol Gutowski, relocating from the University of Wisconsin Madison where he served as an associate professor of surgery and the residency program director for plastic surgery.

The division of General Surgery has also recruited Dr. Michael Ujiki, after completing a minimally invasive fellowship at the Legacy Health System in Portland, Oregon. Dr. Ujiki has worked to establish single port surgery at NorthShore and has secured funding to develop natural orifice surgery.

With her recent certification as a National Accreditation Program for Breast Centers (NAPBC) surveyor, Dr. Kathy Yao has joined the division to serve an important role in redefining national standards of care for patients with breast diseases. She has also brought her basic research investigations in Notch signaling from her former position as Assistant Professor of Surgery and Director of the Breast Clinical Program at Loyola University Medical Center.

Dr. James Spitz has been recruited to partner with Dr. Joseph Muldoon and Dr. Glen Balch in delivering

care for patients with colon and rectal diseases. This team has created the Continence Center at Highland Park Hospital and has worked to develop minimally invasive colon and rectal surgery, including the introduction of the DaVinci robotic system for rectal disease and the use of transendoscopic microsurgery for the local therapy of rectal cancers.

Recent awardees within the Department of Surgery for Clinical Collaborative Research Program (CCRP) awards include Drs. Kathy Yao and Stephen Sener for their prospective observational trial of breast MRI in newly diagnosed breast cancers, Drs. Brendler and McGuire for their multiphase study of active surveillance of men with clinical stage T1c or T2a localized prostate cancer, and Dr. David J. Winchester for DITAG genome scanning (DGS) technology for genome-scale identification of breast cancer genetic mutations.

IT Update

DoS - Sony Video Conferencing Room On-Line and On Schedule

Work in 676 Suite 650 is complete and the New Video Conferencing Facility is in use.

Education Support: On January 1st the Department's aging Galter 10 Video Conference Room was "de-commissioned" and replaced with a new space on the 6th floor of the 676 Building. The new facility is roughly 40% larger and seats close to 100 people. It replaces 7-year-old, standard definition technology with state-of-the-art three-chip HD cameras, 1080i and 1080p projectors and new tools from Sonic Foundry for recording and broadcasting presentations. Sony (a principal donor to the room) assisted the Department by providing three IPELA HD video conferencing units. These units are in use in the OR, in the new conference room itself, and a third is "mobile," making dedicated HD conferencing available anywhere on the downtown campus.

Additionally, the "lecture capture" tool MediaSite from Sonic Foundry is now available for any presentation using the room. A speaker's presentation can be recorded (with both the speaker and PowerPoint slides visually captured) and made available for later viewing on-campus via a browser. The Department currently captures Grand Rounds and select Core Curriculum lectures for later viewing, in what is sometimes referred to as "time shifting."

Department-wide training for the use of the room has begun. (An initial "open to the general public training session" was scheduled for January 12.)

The DoS-Sony Video Conferencing Room is also available for use by members of the general University community. Interested departments should contact Frank Schleicher.



Room highlights

- ◆ Three Sony HD projectors projecting onto three screens, 1080i and 1080p HD resolution available
- ◆ Direct fiber connections to OR 17, 18, and 21 on the 5th Floor and OR 26, 27, 28, and 29 on the 7th Floor
- ◆ Web-based video conferencing to external facilities using compatible H.323 tools
- ◆ Custom local HD conferencing, using the mobile IPELA
- ◆ Quick-media connections to presenter laptops and other media, creating a "self-service" environment for many presentations
- ◆ On-screen annotation of presenter graphics
- ◆ In-room support available for all presentations

Philanthropy Spotlight

Sharing a Greater Responsibility

Department of Surgery faculty members assume daily responsibility for the patients they treat, the research they advance, and the students, residents, and fellows they educate. While these professional contributions by all are exemplary, the private contributions by a group of Northwestern surgeons are truly above and beyond.

A group of six surgeons representing Northwestern Surgical Associates (NSA) pledged \$120,000 in support of the Department's residency program in May 2007—this year, Drs. Kevin Bethke, Wilson Hartz, Kyle Mueller, Steven Stryker, Mark Toyama, and Gerald Ujiki fulfilled their shared and singular commitment for the benefit of the residents who train under their tutelage. "To see such goodwill from faculty in support of our future leaders is inspiring," said Dean Jameson. "I am tremendously grateful for their personal commitments to the Department's educational mission."

Together, these Department leaders challenged each

other to match gifts over a year's time. "We all feel that resident education is the foremost priority for the Department," said Dr. Ujiki, "and so we wanted to make personal contributions in support of those shared professional goals." The NSA Resident Research Fund has greatly strengthened the Department's capacity to honor its mandate of putting education first for its residents and faculty educators. "We aim to provide the very best training experience for our residents," said Department Chair Nathaniel Soper, MD, "and philanthropic contributions allow us to preserve and expand the resources we commit to that end. We are indebted to the NSA faculty members for their support."

The entire Department of Surgery, its faculty, staff, and resident trainees, need only turn to our very own attending physicians from Northwestern Surgical Associates to see what's possible when a greater responsibility is shared among colleagues and friends.

Philanthropy

The donations of our friends and alumni help the Department of Surgery keep up the high standards in research, education, and clinical expertise that have become synonymous with Northwestern. For more information on how to donate to the Department of Surgery, contact:

Sybil Boyajian

Manager, Professional Affairs

Department of Surgery

Ph: 312.926.8686

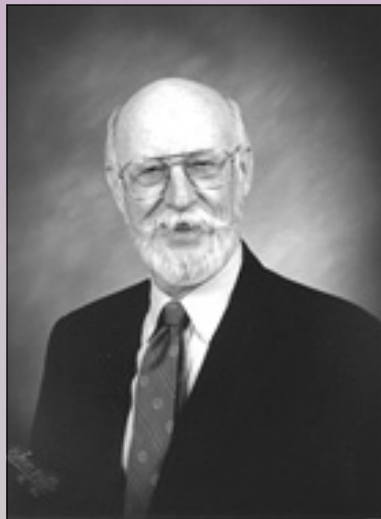
Fax: 312.926.7404

sboyajia@nmh.org

Alumnus, Emeritus Professor, Philanthropist Thomas W. Shields, MD

After receiving his medical degree from Philadelphia's Temple University in 1947, Thomas W. Shields, MD, arrived at Northwestern's medical school to serve a residency in the Division of Nephrology. Dr. Shields completed his residency in 1950, and then pursued a second residency, this time in General Surgery, followed by a fellowship, and finally a third residency in Cardiothoracic Surgery, which he completed by 1955. After nine years of graduate medical education, Dr. Shields joined the faculty that had helped shape his career, eventually leading the Lakeside VA Hospital as Chair of Surgery where he treated his fellow veterans—Dr. Shields served for two years in the Korean War. Today, after 57 years of service and counting, he holds the title of Professor Emeritus. Few careers in academic medicine can match Dr. Shield's professional commitment to one institution.

Since 1987, Dr. Shields' contributions as a surgeon, educator, and emeritus member of faculty have been quietly complemented with his generous gifts in support of resident education and the annual Thomas Shields Lectureship. This year, the Shields Lecture will welcome keynote speaker Marleta Reynolds, MD, interim surgeon-in-chief and head of pediatric surgery at Children's Memorial Hospital in Chicago. In this, the eleventh year of the lectureship, Dr. Shields' philanthropy continues to bring great minds to our campus for the benefit of the Department of Surgery's faculty and residents. His spirit of giving promises generations of future surgeons the opportunity to advance their own careers here at Northwestern. And for that, we are all deeply grateful.



“Safer Surgery Today, Better Surgery Tomorrow”

Upcoming Events, 2009

March Grand Rounds

- **March 10:** Preservation of Fertility in Patients with Cancer, by Jaqueline Jeruss, MD, PhD, of Northwestern University. 676 6th Floor/ENH Room 2520 A&B/ CMH ECR M-108.
- **March 17:** Mayo Lecture, Barbara Bass, MD, of Weill Cornell Medical College. 676 6th Floor/ENH Room 2520 A&B/ CMH ECR M-108.
- **March 24:** Lecture by Cord Sturgeon, MD and Dina Elaraj, MD, of Northwestern University. 676 6th Floor/ENH Room 2520 A&B/ CMH ECR M-108.

April Grand Rounds

- **April 14:** Fry Lecture, Improving Outcomes for Early Stage Lung Cancer, by Thomas D’Amico, MD, of Duke University. 676 6th Floor/ENH Room 2520 A&B/ CMH ECR M-108.
- **April 28:** Trial by Fire: The 1942 Cocoanut Grove Disaster and the Evolution of Surface Treatment for Burns, by Wen T. Shen, MD, of the University of California, San Francisco. 676 6th Floor/ENH Room 2520 A&B/ CMH ECR M-108.

May Grand Rounds

- **May 5:** Shields Lecture, by Marleta Reynolds, MD, of Children’s Memorial Hospital. Pritzker Auditorium.
- **May 12:** Lecture on simulator work, by Carla Pugh, MD, PhD, of Northwestern University. 676 6th Floor/ENH Room 2520 A&B/ CMH ECR M-108.
- **May 19:** Lecture on outcomes, by David Bentrem, MD, and Edward Wang, PhD, of Northwestern University. 676 6th Floor/ENH Room 2520 A&B/ CMH ECR M-108.

June

- **June 12:** Faculty Retreat/Edelstone-Bendix Residents Day.



The following table is a reference for all future newsletters. If you would like the Department of Surgery to include your recent presentation/article/book chapter, upcoming events, etc. in the next issue, please send the information (in a CV-format) to surgerydept@nmh.org by the due date listed below.

Time Period Covered	Articles Due	Publication
9/1—2/28	2nd Friday of January	March Publication
3/1—8/31	2nd Friday of July	September Publication

The Department of Surgery thanks everyone who has contributed to this issue of “The Surgical Scope.”

Department of Surgery Newly Funded Projects, fiscal year 2008

Breast Surgery

Name	Title	Sponsor	Subcontract	Project period		Total cost
Nora Hansen, MD	Interdisciplinary Breast Fellowship	Komen Breast Cancer Foundation		7/1/2008	6/30/2010	\$ 90,000
Jaqueline Jeruss, MD, PhD	The Mechanistic and Oncogenic Significance of Smad 3 in Breast Cancer	American Cancer Society		12/1/2008	11/30/2009	\$ 100,000
Jaqueline Jeruss, MD, PhD	The Oncogenic Relationship between Smad 3 and Cyclin Dependent Kinases in Breast Cancer	American Cancer Society - IRG		1/1/2008	12/31/2008	\$20,000
Jaqueline Jeruss, MD, PhD	Three Dimensional Cellular Array for the Molecular Assessment of Breast Cancer	Illinois Dept. of Public Health		1/1/2008	6/30/2009	\$100,000
Seema Khan, MD	Phase IIb trial of Genistein in Women at High Risk for Breast Cancer	NIH/NCI		9/1/2007	8/31/2009	\$776,600
Seema Khan, MD	Gene methylation and estradiol levels in random FNA samples as biomarkers for breast cancer risk	Avon Foundation		5/1/2008	4/30/2009	\$500,000

GI-Endocrine Surgery

Eric Hungness, MD	Improving Patient Safety and Multidisciplinary Team Efficiency in NOTES	NOSCAR		2/1/2008	1/31/2009	\$11,163
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Plastic Surgery

Gregory Dumanian, MD	Targeted Reinnervation and Pattern-Recognition Control for Transradial Amputees	NIH	RIC	5/15/2008	3/31/2013	\$49,461
Robert Galiano, MD	Effect of Xenaderm ointment on scar formation in a rabbit ear scar model	HealthPoint		11/1/2007	6/30/2010	\$15,300
Robert Galiano, MD	Prevention of bacterial biofilm formation and enhancing wound healing Super-Oxidized solutions	Oculus		9/1/2007	8/31/2008	\$20,000
Robert Galiano, MD	Evaluation of Escalating Doses of AZX100 on Hypertrophic Scarring in the Rabbit Ear Model", Orthologic Corp.,	Orthologic Corp.		12/1/2007	12/1/2008	\$20,200
Robert Galiano, MD	A prospective, randomized, multi-center clinical evaluation to investigate the time to closure of delayed healing dehisced incisions, delayed healing traumatic wounds or chronic cutaneous defects surgically excised with Verajet Hydrosurgery System and those surgically excised using conventional operating room techniques	Smith & Nephew		9/21/2007	9/21/2008	\$139,300

Department of Surgery Newly Funded Projects, fiscal year 2008

Plastic Surgery continued...

Name	Title	Sponsor	subcontract	Project period		Total cost
Robert Galiano, MD	(Clinical Trial): An Observational Study to Delineate the Natural History of Scar Development, Evolution, and Resolution in Healthy Human Volunteers Undergoing an Elective Abdominoplasty	Excaliard Pharm		7/14/2008	7/14/2009	Max Total Cost Per Contract: \$385,701
Kathleen Kapp-Simon, PhD	Neurobehavioral Correlates of Craniosynostosis	NIH	U of Washington	7/1/2008	6/30/2013	\$684,235
Thomas Mustoe, MD	Effects of Xenaderm ointment on wound healing in rabbit ischemic wound model	HealthPoint		8/1/2007	7/31/2008	\$64,300
Thomas Mustoe, MD	Evaluation of a CoDaTherapeutics Compound in skin wound healing and hypertrophic scar formation	CoDa Therapeutics		6/1/2007	5/31/2008	\$30,000
Thomas Mustoe, MD	AFIRM: Therapy to limit injury progression, attenuate inflammation, prevent infection, and promote non scar healing after burns and severe battle trauma	DoD	NJCB M	4/1/2008	8/31/2013	\$353,750

Surgical Oncology

David Bentrem, MD	ACS-IRG, Bentrem-Quality Measures in Cancer Surgery	ACS	Cancer Center	1/1/2008	12/31/2008	\$20,000
David Bentrem, MD	Establishing Quality Measures in Cancer Surgery for Illinois Hospitals	ACS		7/1/2008	6/30/2009	\$92,200
Paul Grippo, PhD	Omega-6 Fat Promotion of Mutant Kras-Induced Pancreatic Neoplasia	NIH/NCI		6/11/2007	5/31/2009	\$275,000
Paul Grippo, PhD	Evaluating Kras Oncogene Addiction in Pancreatic Precancer and Cancer	AACR		7/1/2007	6/30/2009	\$100,000

Transplant Surgery

Michael Abecassis, MD, MBA	A Phase II Trial to Assess the Safety of Immunosuppression Withdrawal in Liver Transplant Recipients	NIAID/NIH	UCSF	1/1/2008	4/30/2014	1,160,549
Mary Hummel, PhD	Epigenetic control of cytomegalovirus latency and reactivation	NIH		4/1/2008	3/31/2010	\$275,000
Dixon Kaufman, MD, PhD	Chicago Islet Consortium ICR at Northwestern	JDRF		7/1/2007	6/30/2008	\$500,000

Department of Surgery Newly Funded Projects, fiscal year 2008

Trauma and Critical Care

Name	Title	Sponsor	Subcontract	Project period		Total cost
Gary An, MD	Rehabilitation Engineering Research Center (RERC) on Spinal Cord Injury	NIH		10/1/2007	9/30/2012	\$70,532
Marie Crandall, MD	Racial and socioeconomic disparities in trauma care	R. Wood Johnson Found.		7/1/2008	6/30/2011	\$299,319
Marie Crandall, MD	Racial Disparities in Trauma Care	Amer College of Surgeons		7/1/2007	6/30/2008	\$80,000
Marie Crandall, MD	Trauma Center Brief Alcohol Treatments and Cost	NIH	Loyola University	11/1/2007	7/31/2011	\$32,236
Marie Crandall, MD	Integrating Public Health Into a General Surgery Residency Program	CDC	Assn of Amer Med Colleges	1/30/2008	8/30/2008	\$25,000

Vascular Surgery

Mark Eskandari, MD	Protocol# P-2424: The US Study for Evaluating Endovascular Treatments of Lesions in the Superficial Femoral Artery and Proximal Popliteal By Using the Protégé Everflex Nitinol Stent System II (DURABILITY II)		EndoVascular Technologies Inc	9/25/2007	9/25/2008	\$75,260
Mark Eskandari, MD	Protocol# P-2424: Atrium iCAST Iliac Pivotal Study		Atrium Medical/HCRI	10/18/2007	10/18/2008	Max Total Cost Per Contract: \$54,565
Melina Kibbe, MD	(Varu) Efficacy of a Nitric Oxide-Based Vascular Therapy in Type 1 Diabetes	AMA		4/1/2008	3/31/2009	\$2,500
Melina Kibbe, MD	(Hogg) Sex and Hormones: A New Way to Look at Vascular Injury and Nitric Oxide	AMA		4/1/2008	3/31/2009	\$2,500
Jon Matsumura, MD	Evaluating the Use of the FiberNet Embolic Protection System in carotid artery stenting: The EPIC US Pivotal Study	Lumen Biomedical		7/31/2007	12/31/2009	Max Total Cost Per Contract: \$28,500
Jon Matsumura, MD	Doxycycline Treatment of Abdominal Aortic Aneurysm: Planning Grant	NIH	U of Maryland	8/1/2007	6/30/2010	\$7,937
William Pearce, MD	Doxycycline Treatment of Abdominal Aortic Aneurysm: Planning Eligible Patient Populations Counting Protocol	NIA	U of Nebraska	4/1/2008	1/31/2009	\$2,000

Awards, honors, presentations and publications

Please send an email to: surgerydept@nmh.org or contact 312.926.4138 with your questions, suggestions or requests to be added to the distribution list.

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An, Gary MD

Awards and Honors

2008 Excellence in Teaching Award, Department of Surgery, Northwestern University

2008 Elected President, Swarm Development Group

2008 Appointed to Editorial Board, Critical Care Medicine

2008 Appointed to Editorial Board, The Open Critical Care Medicine Journal

2008 Invited Participant/Speaker, European Science Foundation (ESF) Exploratory Workshop on Computational Disease Modeling, Barcelona, Spain, September 25, 2008.

2008 Visiting Professor, Combined Graduate level course from the University of Pittsburgh School of Medicine/ University of Pittsburgh Department of Mathematics—A systems approach to inflammation, ongoing

2009 Invited Participant/Speaker, Workshop of the Wound Healing Society—New Approaches to Personalized Medicine: Inflammation, Healing, and Regeneration as Prototypes, Riverside, CA, January 9, 2009.

Presentations

Invited Participant/Speaker, European Science Foundation (ESF) Exploratory Workshop on Computational Disease Modeling—An Agent-Based framework for Integrative Dynamic Representation of Biomedical Knowledge: Towards an Ecological Paradigm for Collaborative Research, Barcelona, Spain, September 25, 2008.

Speaker, Grand Rounds, Department of Surgery, Northwestern University—Developing Computer Simulations of Pathophysiological Processes, Chicago,

IL, October 14, 2008.

Invited Speaker, Pfizer Research Seminar Series—Using Dynamic Computational Modeling to piece together the Puzzle of Sepsis, Groton, CT, November 9, 2008.

Speaker, Grand Rounds, Department of Surgery, University of Chicago—Untangling the Complexity of Disease with Computational Modeling: A Surgeon's Perspective, Chicago, IL, November 19, 2008.

Invited Participant/Speaker, New Approaches to Personalized Medicine: Inflammation, Healing, and Regeneration as Prototypes: Workshop of the Wound Healing Society—Systems Biology Approaches in Burn Wounds, Riverside, CA, January 9, 2009.

Speaker, Quick Shot Oral Presentation (MS II Michael Wandling), 4th Annual Academic Surgical Congress—An Agent Based Model of Pulmonary Inflammation in the Surgical Patient: In silico translation of cellular and molecular mechanisms to clinical phenomena, Ft. Myers, FL, February 5, 2009.

Publications

An G. and Faeder JR. Detailed qualitative dynamic knowledge representation using a BioNetGen model of TLR-4 signaling and preconditioning. *Mathematical Biosciences* 2009; 217:53-63.

An G. A model of TLR4 signaling and tolerance using a qualitative, particle event-based method: Introduction of Spatially Configured Stochastic Reaction Chambers (SCSRC). *Mathematical Biosciences* 2009; 217:43-52.

Vodovotz Y, Constantine G, Rubin J, Csete M, Voit EO and An G. Mechanistic Simulations of Inflammation: Current State and Future Prospects. *Mathematical Biosciences* 2009; 217:1-10.

Awards, honors, presentations and publications

Book Chapters:

An, G: Dynamic Knowledge Representation using Agent Based Modeling: Ontology Instantiation and Verification of Conceptual Models. In Maly, I. (ed): Systems Biology: Methods in Molecular Biology Series. Humana Press, 2009.

Backer, Carl MD

Presentations

Backer CL, Kelle AM, Mavroudis C, Rigsby CK, Kaushal S, Holinger L. Tracheal reconstruction with unilateral lung agenesis or severe hypoplasia. European Congenital Heart Surgeons Association and Congenital Heart Surgeons' Society Combined Meeting, Warsaw, Poland, Sept. 11-12, 2008.

Backer CL. Congenital heart surgery: indications, techniques, and results. University of Illinois at Chicago College of Medicine-Society of Pediatric Cardiology Training Directors-Children's Memorial Hospital, Specialty Review in Pediatric Cardiology, September 15-19, 2008, Chicago, IL.

Backer CL, Kaushal S, Patel J, Patel S, Wax D, Mavroudis C: Coarctation of the aorta: long-term outcomes of resection with extended end-to-end anastomosis. 32nd Annual Meeting, Midwest Pediatric Cardiology Society, Minneapolis, MN, September 25-26, 2008.

Kelle AM, Backer CL, Gossett JG, Kaushal S. Total anomalous pulmonary venous connection: results of surgical repair of 100 patients at a single institution. 32nd Annual Meeting, Midwest Pediatric Cardiology Society, Minneapolis, MN, September 25-26, 2008.

Kelle AM, Young L, Kaushal S, Backer CL. The Gerbode VSD: The significance of a left ventricle to right atrial shunt. 32nd Annual Meeting, Midwest Pediatric

Cardiology Society, Minneapolis, MN, September 25-26, 2008.

Backer CL. Aprotinin: the good, the bad, and the ugly. Postgraduate Program, 55th Annual Meeting, Southern Thoracic Surgical Association, Austin, TX, November 6, 2008.

Backer CL, Kelle AM, Rigsby CK, Mavroudis C, Kaushal S, Holinger L: Tracheal reconstruction in children with unilateral lung agenesis or severe hypoplasia. 45th Annual Meeting, Society of Thoracic Surgeons, San Francisco, CA, January 26-28, 2009.

Kaushal S, Backer CL, Patel JN, Patel SK, Wax D, Mavroudis C: Coarctation of the aorta: long-term outcomes of resection with extended end-to-end anastomosis. 45th Annual Meeting, Society of Thoracic Surgeons, San Francisco, CA, January 26-28, 2009.

Patel A, Hickey E, Mavroudis C, Jacobs JP, Jacobs ML, Backer CL, Gevitz M, Mavroudis CD. Impact of syndromic abnormalities on outcomes in hypoplastic left heart syndrome. 45th Annual Meeting, Society of Thoracic Surgeons, San Francisco, CA, January 26-28, 2009.

Backer CL. Surgery for Atrioventricular Septal Defects. 9th Annual International Symposium on Congenital Heart Disease, St. Petersburg, FL, Feb. 13-17, 2009.

Publications

Lodge AJ, Wells WJ, Backer CL, O'Brien JE, Austin EH, Bacha EA, Yeh T Jr, DeCampi WM, Lavin PT, Weinstein S. A novel bioresorbable film reduces postoperative adhesions after infant cardiac surgery. *Ann Thorac Surg* 2008;86:614-621.

Tabbutt S, Nicolson SC, Adamson PC, Zhang X, Hoffman ML, Wells W, Backer CL, McGowan FX, Tweddell JS, Bokesch P, Schreiner M. The safety, efficacy, and

pharmacokinetics of esmolol for blood pressure control immediately after repair of coarctation of the aorta in infants and children: a multicenter, double-blind, randomized trial. *J Thorac Cardiovasc Surg* 2008;136:321-328.

Deal BJ, Mavroudis C, Jacobs JP, Gevitz M, Backer CL. Arrhythmic complications associated with congenital cardiac surgery: consensus definitions from the multi-societal database Committee for Pediatric and Congenital Heart Disease. *Cardiol Young* 2008;18(Suppl 2):1-4.

Mavroudis C, Deal BJ, Backer CL, Tsao S. Arrhythmia surgery in patients with and without congenital heart disease. *Ann Thorac Surg* 2008;86:857-868.

Barrera, Ermilo Jr., MD

Awards and Honors

Northwestern University Faculty Teaching Award

Barsness, Katherine A., MD

Awards and Honors

2008 Course Director, Pediatric Surgery Fellows' Course in Minimal Access Surgery, Nov. 6 - 8

Publications

Shah, SR; Wishnew, J; Barsness, KA; Gaines, BA; Potoka, DA; Gittes, GK; Kane, TK. "Minimally Invasive Congenital Diaphragmatic Hernia Repair: A 7-Year Review of Our Institutional Experience." *Surgical Endoscopy*. 2008 Oct 2

Barsness, KA; St Peter, SD; Holcomb, W; Ostlie, DJ; Kane, TD. "Laparoscopic Fundoplication After Previous Open Abdominal Operations." *JLS*. 2008 Oct 31

Kabre, R; Chin, A; Rowell, E; Browne, M; Barsness, KA; Luck, S; Jona, J.

Awards, honors, presentations and publications

"Hazardous Complications of Multiple Ingested Magnets: Report of Four Cases." *Eur J Pediatr Surg*. 2008. Nov 20

Bentrem, David MD

Presentations

Bilimoria K, Ko CY, Tomlinson JT, Edge SE, Talamonti MS, Stewart AK, Winchester DP, and Bentrem DJ. Effect of prolonged wait times for cancer surgery in the United States. *American College of Surgeons*. Oct 22, 2008 (San Francisco, CA)

Shankaran V, Bentrem DJ, Mulcahy M, and Bennett CL. Economic Implications of Kras testing in metastatic colorectal cancer. *GI ASCO*, Jan 20, 2009

Strouch MJ, Khazaie K, Bentrem DJ. Mast cell tumor infiltration is associated with a worse prognosis in pancreatic adenocarcinoma. *Association for Academic Surgery*, Feb. 8, 2009 (Sanibel, FL)

Weber S, Cho C, Bentrem DJ, Nakeeb A, Schmidt M, Merchant N, Parikh A, Martin RC, Scoggins CR, Ahmad S, Kim HJ, Hawkins W, Kooby D. Laparoscopic distal pancreatectomy: complication risk score predicts morbidity and risk for pancreatic fistula. *Society of Surgical Oncology*, March 23, 2009 (Phoenix, AZ)

Salabat MR, Chan CY, Strouch MJ, Melstrom LG, Cheon E, Bell RH, Adrian TE, Ding XZ, and Bentrem DJ. TPA-induced transmembrane protein (TTMP) induces growth arrest in pancreatic cancer cell lines and its expression is downregulated in human pancreatic adenocarcinoma. *forum, American College of Surgeons*. Oct 22, 2008 (San Francisco, CA)

Melstrom LG, Strouch M, Salabat MR, Ding XZ, Rao SM, Kennedy TJ, Talamonti MS, and Bentrem DJ. Overexpression of 5-lipoxygenase in colon polyps and can-

cer and the effect of 5-LOX inhibitors in vitro and in a murine model. *forum and edelstone-bendix, Chicago surgical. American College of Surgeons*. Oct 22, 2008 (San Francisco, CA)

Merkow RP, Bilimoria KY, McCarter MD, Bentrem DJ. Does obesity matter? Effect of body mass index on short-term outcomes after colectomy for cancer. *American College of Surgeons*. Oct 22, 2008 (San Francisco, CA)

Eifler A, Zarlengo D, Virmani S, Strouch M, Salabat MR, Cheon E, Heiferman D, Bentrem DJ, and Omary R. Development of the VX2 pancreatic cancer model in rabbits: a platform to test future interventional therapies. *Robert H. Lurie Comprehensive Cancer Center Poster Session*. June 25, 2008 (Chicago, IL) and *American Pancreatic Assoc*, Nov 6, 2008 (Chicago, IL)

Publications

Bentrem DJ, Bilimoria KY, Cohen M, Hynes DL and Ko CY. Identification of quality improvement opportunities for the elderly undergoing gastrointestinal surgery. *Archives of Surgery* 2008 accepted.

Levenson V, Melnikov A, Talamonti M, Bentrem D, and Scholtens D. Methylation profile of circulating plasma DNA in patients with pancreatic cancer *J Surg Onc* accepted

Yermilov I, Jain S, Sekeris E, Bentrem DJ, Hines OJ, Reber HA, Ko C, and Tomlinson JS. Utilization of parenteral nutrition following pancreaticoduodenectomy: is routine jejunostomy tube placement warranted? *Digestive Diseases and Sciences* (accepted)

Merkow RP, Bilimoria KY, McCarter MD, Bentrem DJ. Does obesity matter? Effect of body mass index on short-term outcomes after colectomy for cancer. *accepted JACS* 9/08

Yermilov I, Bentrem DJ, Sekeris E, Jain S, Maggard M, Ko C, and Tomlinson JS. Readmissions following pancreaticoduodenectomy: a population based appraisal. *Ann Surg Onc* (accepted)

Strouch MJ, Milam B, Melstrom L, McGill J, Salabat MR, Ujiki M, Ding XZ, Adrian T, and Bentrem DJ. The Flavonoid Apigenin Potentiates the Growth Inhibitory Effects of Gemcitabine and Abrogates Gemcitabine Resistance in Human Pancreatic Cancer Cells. *Pancreas* (accepted)

Melstrom LG, Bentrem DJ, Salabat MR, Kennedy TJ, Ding XZ, Strouch M, Rao SM, Witt RC, Tement CA, Talamonti MS, Bell RH, and Adrian TA. Overexpression of 5-Lipoxygenase in colon polyps and cancer and the effects of 5-LOX inhibitors in vitro and in a murine model. *Clin Cancer Research* 2008; 14(20): 6525-30.

Bilimoria KY, Bentrem DJ, Stewart AK, Winchester DP, Russell TR, Talamonti MS, and Ko CY. Lymph node evaluation as a quality indicator for colon cancer: the first national hospital report card. *JNCI* 2008; 100(18): 1310-7.

Kooby D, Gillespie, Bentrem DJ, Nakeeb, Schmidt M, Merchant N, Parikh A, Martin R, Scoggins C, Ahmad S, Kim HJ, Johnston, Strouch, Menze, Park, Strasbourg, Talamonti M, Staley C, McMasters K, Byrd-Sellers, Wood W, and Hawkins W. Multicenter analysis of 667 left pancreatectomies: should the laparoscopic approach become standard? *Annals of Surgery* 2008; 248(3): 438-46.

Blum, Matthew, MD

Awards and Honors

2007-2008 Excellence in Teaching Award, Dept of Surgery, Northwestern University Feinberg School of Medicine

Awards, honors, presentations and publications

Presentations

Speaker, Northwestern Healthcare Corporation. Lung Cancer: Chicago, Illinois. December 4, 2008.

Moderator, Panel Discussion & Speaker: The Small Detected Lung Nodule, What Should I do Now? ACCP CHEST 2008 Annual Meeting, Philadelphia, Pennsylvania. October 29, 2008.

Moderator, Endoscopic Therapies for Airway & Esophageal Disorders Seminar, Northwestern Feinberg School of Medicine, Chicago, Illinois. September 12 & 13, 2008.

Speaker, Endoscopic Therapies for Airway & Esophageal Disorders Seminar, Northwestern Feinberg School of Medicine, Chicago, Illinois. September 12 & 13, 2008.

Publications

Patel JD, Hensing TA, Rademaker A, Hart EM, Blum MG, et al: Phase II study of pemetrexed and carboplatin plus bevacizumab with maintenance and bevacizumab as first-line therapy for non-small cell lung cancer. Accepted in *Journal of Clinical Oncology*.

Chin, Anthony C., MD

Presentations

Raval MV, Browne M, Chin A, Zimmerman D, Angelos P, Reynolds M: Total thyroidectomy in the pediatric patient – comparing benign and malignant disease. 41st Pacific Association for Pediatric Surgeons Meeting, Jackson, WY, July 2008.

Tantemsapya N, Chin AC, Superina RA: Unique presentation of pediatric pancreatitis from an intrapancreatic duodenal duplication cyst. Presented 40th Annual Meeting of the Canadian Association of Paediatric Surgeons, Toronto, Canada, August 2008.

Chin AC, Rothenberg SS: Total intracorporeal laparoscopic excision of a choledochal cyst with Roux-en-Y reconstruction. 93rd Annual Clinical Congress of the American College of Surgeons, San Francisco, CA, October 2008.

Publications

Chin AC, Thow F, Superina R: Effects of previous intervention for portal hypertension on patency of a subsequent Rex shunt in children. (*J Ped Surg* 43:114-119, 2008).

Lautz TB, Finegold MJ, Chin AC, Superina RA: Giant hepatic adenoma with atypical features in a patient on oxcarbazepine therapy. *J Ped Surg* 43:751-754, 2008.

Pham J, Beier UH, Fornell L, Chin A, Samuel S, Radhakrishnan J, John E: The effect of tezoseptan after cold ischemia and renal artery clamping as a model of reperfusion injury in newborn piglets. *Transplant Proc.* 2008 Jun;40(5):1294-9.

Russ D, Chin AC, Terry NE, Abramson LP, Pillai S: Presentation and management of late onset duodenomegaly in a teenager with chronic obstruction from malrotation. *J Ped Surg*:43:e21-e24, 2008.

Kabre K, Chin A, Rowell E, Browne M, Barsness K, Luck S, Jona J: Hazardous Complications of Multiple Ingested Magnets: Report of Four Cases. *Eur J Pediatr Surg.* 2008 Nov 20: epub.

Crandall, Marie, MD, MPH

Awards and Honors

2008 Elected to the American Association for the Surgery of Trauma (AAST)

2008 Appointed to the AAST Prevention Committee

2008 Excellence in Teaching Award (NMH-FSM)

2008 Appointed to the Center for Healthcare Equity (NMH-FSM)

Presentations

Sridharan L, Crandall M Effects of injury on health and developmental outcomes among toddlers in vulnerable families Association for Academic Surgery Ft. Myers, FL February 2009

Crandall M, Sridharan L Injury and health among toddlers in vulnerable families Eastern Association for the Surgery of Trauma Orlando, FL January 2009

Crandall M Suicidal ideation among young mothers: interdependent risk factors, concerning outcomes American Association for the Surgery of Trauma Maui, HI September 2008

Poster Presentations

Periyannayagam U, Crandall M Pregnancy and maternal trauma: Risk factors and outcomes Preventive Medicine 2009 Los Angeles, CA February 2009

Crandall M, Straus D, Wang E Racial disparities and socioeconomic disparities in mortality rates for blunt abdominal trauma: are prehospital transport times a factor? Eastern Association for the Surgery of Trauma Orlando, FL January 2009

Crandall M, Straus D, Wang E Are transport times contributing to racial disparities in penetrating thoracic trauma? Eastern Association for the Surgery of Trauma Orlando, FL January 2009

Straus D, Crandall M, Esposito T, Schermer C Prehospital transport and survival from penetrating thoracic injuries: an urban trauma success story American Association for the Surgery of

Awards, honors, presentations and publications

Trauma Maui, HI September 2008
Publications

Crandall M, Shapiro M, Worley M, West M. Acute appendicitis: case time of day influences hospital length of stay (in press for *Surgical Infections*)

Crandall M, Schwab J, Sheehan K, Esposito T. Illinois trauma centers and intimate partner violence: are we doing our share? (in press for *Journal of Interpersonal Violence*)

Haider A, Chang D, Efron D, Haut E, Crandall M, Cornwell E. Race and insurance status as risk factors for trauma mortality: not all black and white *Archives of Surgery* 2008;143(10):945-9
Book Chapters:

Crandall, M. Blunt Abdominal Trauma Common Surgical Diseases—An Algorithmic Approach to Problem Solving, 2nd edition; Eds. Myers, J., Millikan, K., and Saclarides, T. Springer, New York, NY 2008

Crandall, M. Penetrating Chest Injury Common Surgical Diseases—An Algorithmic Approach to Problem Solving, 2nd edition; Eds. Myers, J., Millikan, K., and Saclarides, T. ; Springer, New York, NY 2008

DaRosa, Debra, PhD

Publications

Papers (Refereed):

Bilimoria, K.Y., Kmiecik, T.E., DaRosa, D.A., Halverson, A., Eskandari, M.K., Bell, R.H., Soper, N.J., Wayne, J.D. Development of an Online Morbidity, Mortality, and Near Miss Reporting System to Identify Patterns of Adverse Events in Surgical Patients. (Accepted for Publication - *Archives of Surgery*)

Wayne, J., Tyagi, R., Reinhardt, G., Rooney, D., Makoul, G., Chopra, S., DaRosa, D.A., Simple Standardized Patient Hand-Off System that Increases Accuracy and Completeness. *Journal of Surgical Education* 65(6): p.476-85

Publications – Books/Book Chapters/
Book Reviews

DaRosa, D.A. (Editor.). 2007 - 2008. Teaching and Assessing Technical Skills in a Skills Laboratory: A Guide for Program Directors Implementing the ACS/APDS Surgical Skills Curriculum . (<http://elearning.facs.org>) accessed 1/05/2009.

DaRosa, D.A. Introduction. In: Teaching and Assessing Technical Skills in a Skills Laboratory: A Guide for Program Directors Implementing the ACS/APDS Surgical Skills Curriculum . (<http://elearning.facs.org>). Accessed 1/05/2009.

DaRosa, D.A. Integrating the ACS/APDS Surgical Skills Curriculum into Your Program. In: Teaching and Assessing Technical Skills in a Skills Laboratory: A Guide for Program Directors Implementing the ACS/APDS Surgical Skills Curriculum . (<http://elearning.facs.org>). Accessed 1/05/2009.

DaRosa, D.A. Skills Laboratories Logistics and Accreditation. Teaching and Assessing Technical Skills in a Skills Laboratory: A Guide for Program Directors Implementing the ACS/APDS Surgical Skills Curriculum . (<http://elearning.facs.org>). Accessed 1/05/2009.

Presentations

Refereed

“Integrating Meaningful Learning Activities Relevant to Practice-based Learning and Improvement and Systems-based Practice into a Busy Residency Program.” (Association of American Medical Colleges, San Antonio, Texas, November 2008).

Invited

“Tools for Teaching in the Ambulatory Setting,” and “Teaching Psychomotor Skills.” presented at the Association for Professors in Gynecology and Obstetrics SOLVAY Scholars Program, Manalapan, FL, January 10, 2009

“Physicians as Coach,” presented at

Grand Rounds, Miami Miller School of Medicine, Miami, FL, January 9, 2009
“Physicians as Coach” presented at Grand Rounds, Lankenau Hospital, Wynnewood, PA, December 4, 2008.

“How People Learn” presented for Faculty Development at Lankenau Hospital, Wynnewood, PA, December 3, 2008.

“Maximally Invasive Teaching” presented at Grand Rounds, Vanderbilt University School of Medicine, Nashville, TN, October 7, 2008.

“How Can We Deliver Effective Surgical Education in a 48 Hour Work Week?” presented for a Colloquium at Oxford University, UK, September 2008.

“Motivating Faculty to Teach,” presented at the Program Director School sponsored by the Council on Resident Education in Obstetrics and Gynecology, July 2008.

de Hoyos, Alberto, MD

Presentations

Minimally Invasive Techniques for Lung Cancer. Gilda's Club Chicago. September 2008. Chicago, Illinois

GERD & Fundoplication Northwestern Healthcare Corporation. October 2008. Chicago, Illinois.

Coordinator/speaker, 2nd Annual Endoscopic Therapies for Airway & Esophageal Disorders, Northwestern Memorial Hospital. Chicago, Illinois, Sept 12 & 13, 2008.

Dumanian, Gregory, MD

Awards and Honors

2008 Visiting professor, Division of Plastic Surgery, Southern Illinois University,

Awards, honors, presentations and publications

May 2008

Presentations

Kryger Z, Rawlani V, Dumanian GA. Treatment of chronic digital ischemia with direct microsurgical revascularization. American Association of Hand Surgery, Beverly Hills, CA. 1/10/08.

Kim PS, O'Shaughnessy KD, Kuiken TA, Dumanian GA. Novel model for end-neuroma formation in the amputated rabbit forelimb. American Society for Peripheral Nerve, Beverly Hills, CA. 1/12/08.

Kim PS, O'Shaughnessy KD, Kuiken TA, Dumanian GA. Targeted motor reinnervation of the rabbit rectus abdominis: a single muscle can receive and distinguish three independent nerve inputs. American Society for Reconstructive Microsurgery, Beverly Hills, CA. 1/14/08.

Dumanian GA, Kuiken TA. Multiple nerve transfers for improved prosthetic function in high upper extremity amputees. Federation of the European Societies for Surgery of the Hand (FESSH). Lausanne, Switzerland. 6/19/2008.

Dumanian GA, Kuiken TA. Targeted reinnervation. American Society for Surgery of the Hand Symposium. Chicago, IL. 9/17/2008.

Ko JH, Salvay DM, Paul BC, Wang ED, Dumanian GA. "Components separation" technique for the treatment of ventral hernias. Lessons learned from 200 patients. American College of Surgery, San Francisco, CA. 10/15/2008.

Ko JH, Salvay DM, Paul BC, Wang EC, Dumanian GA. Soft polypropylene mesh, but not cadaveric dermis, significantly improves outcomes in midline hernia repairs using the components separation technique. American Society Plastic Surgery, Chicago, IL. 11/4/2008.

Ko JH, De la Garza M, Kim PS, Kuiken TA, Dumanian GA. Topographic distribution of sensory and motor axons in the human brachial plexus: A first step toward function specific targeted reinnervation. American Society Peripheral Nerve, Maui, Hawaii. 1/9/2009.

Ko JH, Kim PS, O'Shaughnessy KD, Kuiken TA, Dumanian GA. A quantitative evaluation of gross versus histologic neuroma formation in a rabbit forelimb amputation model. American Society Peripheral Nerve, Maui, Hawaii. 1/9/2009.

Ko JH, Kim PS, O'Shaughnessy KD, Wilson CJ, Kuiken TA, Dumanian GA. Refinements in targeted reinnervation in transhumeral amputees: Proximal radial nerve anatomy and advancements in operative technique. American Society Peripheral Nerve, Maui, Hawaii. 1/11/2009.

The Robotic Hand. Session moderator. Federation of the European Societies for Surgery of the Hand (FESSH). Lausanne, Switzerland. 6/19/2008.

10. Targeted reinnervation. 1 hour course given at American Society Peripheral Nerve, Maui, Hawaii. 1/9/2009.

Publications

O'Shaughnessy KD, Dumanian GA, Lipschutz R, Miller L, Stubblefield K, Kuiken TA. Targeted reinnervation: A surgical technique to improve prosthesis control in transhumeral amputees. J. Bone Joint Surg 2008; 90: 393-400.

Abbott DE, Halverson AL, Wayne JD, Kim JY, Talamonti MS, Dumanian GA. The oblique rectus abdominis myocutaneous flap for complex pelvic wound reconstruction. Dis. Colon Rectum. 51: 1237-41.

Agnew S, Dumanian GA. A simple test: Please draw the incision. It is not as

easy as we may think. J. Hand Surg. 2008, 33A: 1894-1898.

Sisco M, Dumanian GA: The Implantable Venous Doppler for Perforator Flap Monitoring: Report of a False-Negative Signal. Plast Reconstr Surg 2008: 121: 223e-4e.

Book Chapters

Dumanian GA: Amniotic Band Sequence. Chapter 47. In ML Bentz, B Bauer, and R Zuker, eds. Principles and Practice of Pediatric Plastic Surgery. Quality Medical Publishing, St. Louis, MO. 2008

Reid RR, Lu L, Dumanian GA: Pediatric Pressure Sores. Chapter 59. In ML Bentz, B Bauer, and R Zuker, eds. Principles and Practice of Pediatric Plastic Surgery. Quality Medical Publishing, St. Louis, MO. 2008

Dumanian GA: Soft tissue reconstruction of the groin after vascular surgery: Use of the gracilis flap. Chapter 30. In W Pearce, J Matsumura, and J Yao, eds. Vascular Surgery in the Endovascular Era. Greenwood Academic, Evanston, IL. 2008.

Dumanian GA: Abdominal wall tumors and their reconstruction. Chapter 12. In CE Butler and NA Fine, eds. Principles of Cancer Reconstructive Surgery. Springer Publishing, Germany. 2008.

Dumanian GA: Reconstruction of the Intra-Abdominal Pelvis and the Perineum. Chapter 13. In CE Butler and NA Fine, eds. Principles of Cancer Reconstructive Surgery. Springer Publishing, Germany. 2008.

Elaraj, Dina, MD

Presentations

Dina Elaraj, MD, Rebecca Sippel, Sheila Lindsay, RN, Ileana Sansano, MPH, Quan-Yang Duh, MD, Orlo H.

Awards, honors, presentations and publications

Clark, MD, Electron Kebebew MD, Prospective Validation of a simple scoring model to predict single gland disease in patients with primary hyperparathyroidism, February 3-6, 2009

Dina Elaraj, MD; Sheila Lindsay, RN; Ileana Sansano, MPH; Quan-Yang Duh, MD; Orlo H. Clark, MD; Electron Kebebew, MD, Are additional localization studies and referral indicated for patients with primary hyperparathyroidism who have negative sestamibi scans? Pacific Coast Surgical Association, February 13-16, 2009

Eskandari, Mark, MD

Presentations

"Aortic Stent Graft Live Case Transmissions." Transcatheter Cardiovascular Therapeutics (TCT) 2008 Live Case Transmissions, Chicago, IL October 15-16, 2008.

"Carotid Stenting: Update on Clinical Trials." Fourth Annual Vascular Medicine for the Practicing Clinician, Chicago, IL, October 22, 2008.

"Techniques for CAS." 33rd Annual Northwestern Vascular Symposium – Techniques and Outcomes in Endovascular Surgery, Chicago, IL, December 11, 2008.

Publications

Brown KE, Fanciullo D, Hicks T, Landau DS, Baraniewski H, Morasch MD, Matsumura JS, Pearce WH, Eskandari MK, Kibbe MR. Carotid artery stenting compared to carotid endarterectomy performed exclusively in a veteran population: One center's experience with midterm results. *Ann Surg* 2008; 248:110-116.

Brown KE, Heyer KS, Matsumura JS, Eskandari MK. Late Type III endoleak and graft failure of an Ancure stent

graft. *JVIR* 2008;19(10):1506-8. Eskandari MK. Traumatic thoracic aortic transection: Early outcomes favor endovascular repair over open repair. *Arab Health* 2008; 3:16-18.

Resnick SA, Eskandari MK. Outcomes of Amplatzer vascular plugs for occlusion of internal iliacs during aorto-iliac aneurysm stent grafting. *Ann Vasc Surg* 2008;22(5):1613-17.

Tang GL, Matsumura JS, Morasch MD, Pearce WH, Nguyen A, Amaranto D, Eskandari MK. Carotid angioplasty and stenting vs. carotid endarterectomy for asymptomatic disease: Single center experience. *Arch Surg* 2008;143(7):653-658.

Usman AA, Eskandari MK. Asymptomatic Carotid Disease: A Review of Carotid Stenting versus Carotid Endarterectomy. *Italian J Vasc Endovasc Surg* 2008;15:167-70.

Eskandari MK. Occupational Vascular Problems. In Rutherford RB, ed. *Vascular Surgery*, 7th ed. Elsevier Science, Philadelphia, 2008. Accepted.

Eskandari MK. Techniques for Carotid Artery Stenting. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Grady, Kathleen L., PhD, APN

Publications

Jalowiec A, Grady K, White-Williams C. Predictors of re-hospitalization time during the first year after heart transplant. *Heart & Lung* 37(5):344-355, 2008.

Powell LH, Calvin J, Mendes de Leon CF, Richardson D, Grady K, Flynn KJ, Rucker-Whitaker C, Downs DL, Kravitz G, Eaton C for the HART Investigators. The Heart Failure Adherence and Retention Trial (HART): Design and Rationale. *American Heart Journal* 156:452-60, 2008.

Bonow R, Masoudi F, Rumsfeld J, DeLong E, Estes NA, Goff D, Grady K, Green L, Loth A, Peterson E, Pina I, Radford M, Shahian D. ACC/AHA Classification of Care Metrics: Performance Measures and Quality Metrics: A report of the American College of Cardiology / American Heart Association Task Force on Performance Measures. *Circulation* Dec. 9;118(24):2662-6, 2008. Also in *J Am Coll Cardiol* 2008 Dec 9;52(24):2113-7.

Hansen, Nora M., MD

Awards and Honors

Chairman, Membership Committee, Western Surgical Society

2008 Named Top Oncologists in the Midwest, Top Doctors for Women, Women's Health, November 2008; 115-120,

Publications

Hazard HW, Hansen NM. Sentinel lymphadenectomy in breast cancer. *Cancer Treat Res.* 2008;141:11-36. PMID: 18274080

Presentations

Changes in Surgical Management in the Last Decade – Role of Multimodality Breast Imaging (How has MRI/US, etc., Changed Surgical Management?) Breast Imaging International Conference/SAWI, Chicago, Illinois, September 13, 2008

Case Studies, Controversies in Case

Awards, honors, presentations and publications

Management: Panel Discussion Presentation Breast Imaging International Conference/SAWI, Chicago, Illinois, September 13, 2008

Nipple Sparing Mastectomy, 10th Annual Lynn Sage Breast Cancer Symposium, Chicago, Illinois, October 24, 2008.

Audience Response Case Discussion, Panel Member. 10th Annual Lynn Sage Breast Cancer Symposium, Chicago, Illinois, October 24, 2008.

Should We Inject Fat into the Breast? Panel presentation, Annual Meeting of the American Society of Plastic Surgeons, Chicago, Illinois, November 3, 2008.

Management of Breast Cancer in 2008, Department of Obstetrics and Gynecology Grand Rounds, Northwestern University, Feinberg School of Medicine, November 21, 2008

Howard, Michael, MD

Awards and Honors

2008, Voted Teacher of the Year from the Northwestern University Division of Plastic Surgery faculty, June 2008.

Howington, John, MD

Awards and Honors

2008 Elected Chair of the Thoracic Oncology Network Steering Committee for the American College of Chest Physicians, October 2008.

Publications

Reed MF, Lucia MW, Starnes SL, Merrill WH, Howington JA. Thoracoscopic lobectomy: introduction of a new technique into a thoracic surgery training program. *J Thorac Cardiovasc Surg.* 2008 Aug; 136(2):376-81.

Jazieh AR, Al Hadab A, Howington J. Thoracic oncology multidisciplinary teams: Between the promises and the challenges. *Annals of Thoracic Medicine* 2008 Jan Vol. 3, 1.

Hummel, Marybeth, PhD

Presentations

Invited Speaker, Rush University, Dec. 12, 2008 "Mechanisms of Cytomegalovirus latency and reactivation"

Publications

Liu, X.F., Yan, S., Abecassis, M. and Hummel, M. (2008) Establishment of Murine Cytomegalovirus Latency in vivo is Associated with Changes in Histone Modifications and Recruitment of Transcriptional Repressors to the Major Immediate Early Promoter. *J. Virol.* 82:10922-10931

Hungness, Eric, MD

Awards and Honors

2009 Visiting Professor, University of Hawaii, Feb. 2009

Presentations

Speaker, NOTES: The Northwestern Experience – Transgastric Cholecystectomy. UT Southwestern - Innovations in Endoscopy and Minimally Invasive Surgery, Dallas, September 12, 2008.

Speaker, Transgastric Cholecystectomy. American College of Surgeons Surgical Congress, Subject-Oriented Symposium V: Endoluminal and Transluminal Endoscopic Surgery, San Francisco, October 16, 2008.

Moderator, Laparoscopic Heller Myotomy for the Surgical Treatment of Achalasia, ORLive Webcast, Northwestern University, Chicago, December 2,

2008.

Speaker, Transgastric Cholecystectomy. New York-Presbyterian Hospital Second Annual NOTES Course. New York, December 15, 2008.

Speaker, Update on NOTES: What's new and where are we now? University of Hawaii Annual MIS Symposium. Honolulu, Feb 6, 2008.

Speaker, How I do it: Laparoscopic Colon. University of Hawaii Annual MIS Symposium. Honolulu, Feb 6, 2008.

Speaker, Bariatric Surgery – The Ideal Academic Surgery Model. Queen's Hospital Surgery Conference. Honolulu, February 8, 2009.

Speaker, Creating a Modern Surgical Skills Curriculum. Grand Rounds. University of Hawaii, Honolulu, February 11, 2009.

Speaker, Bariatric Surgery in 2009. Medical Grand Rounds. Thorek Hospital, Chicago, February 13, 2009.

Publications

[Laparoscopic Treatment of Celiac Artery Compression Syndrome: Case Series and Review of Current Treatment Modalities.](#) Vaziri K, Hungness ES, Pearson EG, Soper NJ. *J Gastrointest Surg.* 2008 Sep 26.

Awards, honors, presentations and publications

Jeruss, Jaqueline, MD, PhD

Awards and Honors

Women's Faculty Organization Award, Fourth Annual Lewis Landsberg Research Day Poster Competition, Northwestern University Feinberg School of Medicine, Chicago, IL, 2008.

American Cancer Society, Illinois Division Research Grant; "The Mechanistic and Oncogenic Significance of Smad 3 in Breast Cancer."

Dixon Young Investigator Award, "Cyclin Mediated Inhibition of Smad 3 Tumor Suppression in Breast Cancer."

KL2 Award, "Impact of Cyclin Overexpression on Smad 3 Tumor Suppression in Breast Cancer."

Presentations

Speaker; Oncofertility Consortium Conference; "Effects of ovulation induction regimens, breast cancer and fertility," Chicago, IL; September 15, 2008.

Chair; Controversies in Local Therapy: Radiotherapy and Plastic Surgery, Robert H. Lurie Comprehensive Cancer Center of Northwestern University's 10th Annual Lynn Sage Breast Cancer Symposium; Chicago, IL; October, 2008.

Panel Discussion Member; Unusual Breast Problems – Patient with Isolated Recurrence in the Internal Mammary Nodes After a Negative Initial Sentinel Lymph Node Biopsy, Robert H. Lurie Comprehensive Cancer Center of Northwestern University's 10th Annual Lynn Sage Breast Cancer Symposium; Chicago, IL; October, 2008.

Zelivianski S, Cooley A, Kall R, Jeruss JS. 4th Annual Academic Surgical Congress; "The effect of cyclin D overexpression on Smad 3 action in breast cancer cells," Ft. Meyers, FL; February, 2009.

Posters

Ghosh S, Bryce KS, Jeruss JS. Inhibition of Smad 3 Action is Mediated by Cyclin E Overexpression in Breast Cancer Cells. Society of Surgical Oncology, Chicago, IL, 2008.

Mangat A, Schiller C, Mengoni P, Reynolds C, Jeruss JS. Calcifying Fibrous Pseudotumor of the Breast: A Case Report. American Society of Breast Disease, San Diego, CA, 2008.

Ghosh S, Bryce KS, Sharma AK, Jeruss JS. The Oncogenic Association Between Smad 3 and Cyclin E in Breast Cancer. American Association for Cancer Research, San Diego, CA, 2008.

Cooley A, Zelivianski S, Jeruss, JS. Effects of Ovulation Induction Regimens, Breast Cancer and Fertility; Oncofertility Consortium Conference, Chicago, IL, September 15, 2008.

Weiss M, Jeruss JS, Shea L. TERMIS-NA 2008 Annual Conference & Exposition; "Employing Poly(ethylene glycol) Hydrogels for Three-Dimensional Culturing of Mammary Epithelial Cells," San Diego, CA; December, 2008.

Zelivianski S, Cooley A, Kall R, Jeruss JS. San Antonio Breast Cancer Symposium; "Cyclin E Overexpression Inhibits Smad 3 Tumor Suppression in Breast Cancer Cells," San Antonio, TX; December, 2008.

Zelivianski S, Cooley A, Kall R, Jeruss JS. Society of Surgical Oncology 62nd Annual Cancer Symposium; "Impact of cyclin D on Smad 3 Tumor Suppression," Phoenix, AZ; March, 2009.

Publications

Jeruss JS, Mittendorf EA, Tucker SL, Gonzalez-Angulo AM, Bucholz TA, Sahin AA, Cormier JN, Buzdar AU, Hortobagyi GN, Hunt KK. Staging of Breast Cancer in the Neoadjuvant Setting. *Cancer Res* 2008; 68: 6477-6481.

Jeruss JS, Mittendorf EA, Tucker SL, Gon-

zalez-Angulo AM, Bucholz TA, Sahin AA, Cormier JN, Buzdar AU, Hortobagyi GN, Hunt KK. The Combined Use of Clinical and Pathologic Staging Variables to Define Outcomes for Breast Cancer Patients Treated with Neoadjuvant Therapy. *J Clin Oncol* 2008; 26: 246-52.

Jeruss JS, Newman LA, Ayers GD, Cristofanilli M, Broglio K, Meric-Bernstam F, Yi M, Waljee JF, Bedrosian I, Ross MI, GV, Kuerer HM, Feig BW, Hunt KK. Factors Predicting Additional Disease in the Axilla in Patients with Positive Sentinel Nodes after Neoadjuvant Chemotherapy. *Cancer* 2008;112: 2646-54.

Jeruss JS, Hunt KK. Staging of Breast Cancer Patients Undergoing Neoadjuvant Chemotherapy. *The American Journal of Hematology/Oncology* 2008; 7:2-7.

Jeruss JS, Woodruff TK. Fertility Preservation for Cancer Patients. *N Engl J Med* 2009; (in press).

Hulvat MC, Hansen N, Jeruss JS. Multidisciplinary Care for Patients with Breast Cancer. In: *Surgical Clinics of North America*. Saunders, Philadelphia, PA, 2009. Feb: 89(1):133-176.

Mangat A, Schiller C, Mengoni P, Reynolds C, Jeruss JS. Calcifying Fibrous Pseudotumor of the Breast. *The Breast Journal* 2008; (in press).

Hulvat MC, Jeruss JS. Maintaining Fertility in Young Women with Breast Cancer. *Curr Treat Opt Oncol* 2009; (in press).

Book Chapters

Jeruss JS, Ross MI. Regional Lymphadenectomy for Breast Cancer: Indications, Extent and Morbidity. In: *Advanced Therapy in Surgical Oncology*. Pollock RE, Ross MI, Curley SA, Perrier ND (Eds), BC Decker Inc, Hamilton, Ontario; PP. 523-532; 2008.

Bermas H, Bentrem D, Jeruss JS, Jordan VC. Steroid Receptors and Selective Es-

Awards, honors, presentations and publications

trogen Receptor Modulation in Mammary Gynecologic Malignancy. In: Gynecology & Obstetrics. J Sciarra ed. On-line CD-ROM for Global Library of Women's Medicine, 2008.

Kapp-Simon, Kathleen A., PhD

Awards and Honors

President of the American Cleft Palate-Craniofacial Association, 2008-2009.

"Best Paper Award" for 2008 in the clinical category: Plastic and Reconstructive Surgery: Awarded by the American Society of Maxillofacial Surgeons: Speltz M, Kapp-Simon KA, Collett B, Keich Y, Gaither R, Craddock MM, Buono L, Cunningham M, Neurodevelopment of Infants with Single Suture Craniosynostosis: Pre-Surgery Comparisons with Case-Matched Controls. Plastic and Reconstructive Surgery. 2007, May:119 (6):1874-81.

Presentations

Featured speaker, Annual Luncheon American Association of Pediatric Plastic Surgeons and the AAP Section on Plastic Surgery. Neurodevelopmental aspects of single suture craniosynostosis. American Society of Plastic Surgery Annual Meeting, Chicago, IL Nov 2, 2008.

Publications

Ruiz-Correa S, Starr JR, Lin JR, Kapp-Simon KA, Sze RW, Ellenbogen RG, Speltz ML, Cunningham ML. New severity indices for quantifying single suture metopic craniosynostosis, Neurosurgery, 2008, Aug;63(2):318-24

Khan, Seema A., MD

Awards and Honors

Appointed Bluhm Family Professor of Cancer Research in September 2008; formal investiture in October 2008.

Named track leader for Breast Cancer track –2009 American Society of Clinical Oncology Annual Meeting

Karmanos Cancer Institute, Site Visit for Early Detection Research Network October 31, 2008

University of California-San Francisco Site Visit for Early Detection Research Network October 8, 2008

San Antonio Member Abstracts Review Committee – 2009

Presentations

Strategic Discussion on Biomarkers for Breast Cancer (NIH), "What are the clinical issues that we need to develop biomarkers for?" September 14, 2008, Seattle, WA.

Innovative Therapies in Breast Cancer 2008, "Local Control of Breast Cancer and Resection Margins: What is the Standard of Care?" September 20, 2008, St. Augustine, FL.

Hellenicare Ukraine Medical Exchange and Visiting Professor to Mariupol State University, Mariupol, Ukraine. September 26-October 2, 2008.

International Consensus Conference on Local Therapy, "Margins in BCT: What is optimal?" Frankfurt, Germany, October 3, 2008.

94th Annual Clinical Congress: American College of Surgeons, Familial Breast Cancer: Evidence-Based Practices to Optimize each Patient's Care.

"Surveillance strategies and chemoprevention options for the woman with familial breast cancer" San Francisco, CA, October 16, 2008.

Lynn Sage Breast Cancer Symposium 2008. "New insights into lobular carcinoma" October 26, 2008, Chicago, IL.

Carol Baldwin Breast Cancer Research Lecturer. "Is local control important in the management of stage IV breast cancer?" Upstate Medical University, Syracuse, NY, October 29, 2008.

St. Agnes Hospital, Surgery Grand Rounds. "The importance of local control in the treatment of breast cancer" January 30, 08, Baltimore, MD.

Poster Presentations

Holko M, Scholtens D, Khan SA. "Differential gene expression associated with estrogen receptor status of breast cancer identified by microarray meta-analysis." Presented at 31st Annual San Antonio Breast Cancer Symposium, Abstract #2041, Cancer Res 2009; 69 (Suppl.): (2) page 168s. January 15, 2009.

Chatterton RT, Heinz RE, Habe-Evans M, Khan SA. "Disparity between serum and nipple aspirate fluid (NAF) estradiol concentrations during the menstrual cycle." Presented at NCI Translational Science Meeting in Washington, D.C. November 7-9, 2008, Abstract #264 & at 31st Annual San Antonio Breast Cancer Symposium, Abstract #4077, Cancer Res 2009; 69 (Suppl.): (2) page 279s. January 15, 2009.

Khan SA, Ivancic DZ, Zaichuk T, Huang H, Chen M, Lam R, Zhang M, Chatterton RT, Ho D. Internalization and retention of nanodiamonds by MCF-7 cells in vitro: a potential drug delivery platform. Presented at 31st Annual San Antonio Breast Cancer Symposium, Abstract # 2134, Cancer Res 2009; 69 (Suppl.): (2) page 198s. January 15, 2009.

Awards, honors, presentations and publications

Publications

Khan SA, Chatterton RT. Cellular and hormonal content of breast nipple aspirate fluid in relation to the risk of breast cancer. *Biomarkers in Medicine*, 2008 Oct; 2 (5): 479-493.

Hazard HW, Gorla SR, Scholtens D, Kiel K, Gradishar WJ, Khan SA. Surgical resection of the primary tumor and chest wall control in women with metastatic breast cancer. *Cancer*, 2008 Oct 15; 113 (8): 2011-2019.

Kibbe, Melina, MD

Awards and Honors

Association of Academic Surgery, Information and Technology Committee, 2008-2010

Association of VA Surgeons, -Program Committee, 2008- present

Society of University Surgeons, Committee on Publications, 2008 – 2011

Presentations

Panelist, "Treatment of Aortic Bifurcation Disease", *Vascular Interventional Advances (VIVA)*, Las Vegas, NC, September 23, 2008.

Panelist, "Carotid Stent (live case)", *Vascular Interventional Advances (VIVA)*, Las Vegas, NC, September 23, 2008.

Panelist, "Aortic Diseases", *Vascular Interventional Advances (VIVA)*, Las Vegas, NC, September 24, 2008.

Panelist, "Venous Thromboembolic Disease (live case)", *Vascular Interventional Advances (VIVA)*, Las Vegas, NC, September 25, 2008.

Panelist, "Safely Crossing Subclavian CTOs", *Vascular Interventional Advances (VIVA)*, Las Vegas, NC, September 25, 2008.

Panelist, "Complications Forum: Perforation Solutions—How, With What, and When", *Vascular Interventional Advances (VIVA)*, Las Vegas, NC, September 26, 2008.

Co-Moderator, "Apoptosis/Cellular Injury, Surgical Forum", 94th Annual Clinical Congress, American College of Surgeons, San Francisco, CA, Monday, October 13, 2008.

Publications

Ahanchi SS, Varu VN, Tsihlis ND, Martinez J, Pearce CG, Kapadia MR, Jiang Q, Saavedra JE, Keefer LK, Hrabie JA, Kibbe MR. Heightened Efficacy of Nitric Oxide-Based Therapies in Type II Diabetes Mellitus and Metabolic Syndrome. *Am J Physiol Heart Circ Physiol* 2008 Dec;295 (6):H2388-98.

Brown KE, Fanciullo D, Hicks T, Landau DS, Baraniewski H, Morasch MD, Matsuura JS, Pearce WH, Eskandari MK, Kibbe MR. Carotid artery stenting compared to carotid endarterectomy performed exclusively in a veteran population: One center's experience with midterm results. *Ann Surg* 2008;248:110-116.

Kim, John, MD

Publications

Schierle CS, VJ Rawlani, Galiano R, Kim J, Dumanian GA. The distally based hemisoleus flap.: principles of angiosomes and flap design. *Plast Reconstr Surg*, in press.

Kim JYS, Buck DW, Forte AJ et al. Risk Factors for Compartment Syndrome in Traumatic Brachial Artery Injuries: An Institutional Experience in 139 Patients. *J of Trauma*, in press.

Eo S, Kim JY, Oh S. The versatility of the dorsalis pedis compound free flap in

hand reconstruction. *Ann Plast Surg*. 2008 Aug;61(2):157-63.

McGee E, Cotts W, Tambur AR, Friedewald J, Kim J, O'Connell J, Wallace S and. McCarthy PM. Successful Bridge to Transplant in a Highly Sensitized Patient With a Complicated Pump Pocket Infection. *Jour Heart and Lung Transplant*, 27 (5), May 2008, 568-571.

Bullocks JM, Hickey RM, Basu CB, Hollier LH, Kim JY. Single-Stage Reconstruction of Achilles Tendon Injuries & Distal Lower Extremity Soft Tissue Defects with the Reverse Sural Fasciocutaneous Flap. *J Plast Reconstr Aesthet Surg*. 2008;61(5):566-72. Epub 2007 Mar 26.

Abbott D, Halverson AL, Wayne J, Kim J, Talamonti M, Dumanian GA. The ORAM Flap for Complex Pelvic Wound Reconstruction. *Dis Colon Rectum*. 2008 Aug;51(8):1237-41. Epub 2008 May 15.

Brown RJ, Lee MJ, Sisco M, Kim JYS, Roy N, Mustoe TA. High-Dose Ultraviolet Light Exposure Reduces Scar Hypertrophy in a Rabbit Ear Model. *Plastic Reconstr Surg*. 2008 Apr 121(4): 1165-72.

Buck DW, Kim JYS. Cosmetic Fillers. *J Aesth Plast Reconstr Surg*. In press.

Kim JYS, Buck DW, McGee E, et al. Salvage of an Exposed LVAD. *Plast Reconstr Surg*, in press.

Kim JYS, Buck DW, Heyer K. Acellular Dermis Mimicking a Breast Mass. *Plast Reconstr Surg*, in press.

Kim JYS, Basu B, Schierle et al. A Statistical Model for Predicting the incidence of upper extremity compartment syndrome in the setting of traumatic brachial artery injury. *Annals of Plastic Surgery*, in press.

Buck DW, Heyer K, Khan S, Kim JY. Reversed Acellular Dermis: Failure of Graft

Awards, honors, presentations and publications

Incorporation in Primary Tissue Expander Breast Reconstruction Resulting in Recurrent Breast Cellulitis. *Plast Reconstr Surg*, in press.

Lebowitz, Kim R., PhD

Presentations

Featured on ABC's Good Morning America in October 2008. The story discussed the positive effect of psychological therapy on cardiac surgery outcomes

Speaker, Medical Ethics Rounds. "Giving up and pushing on: How patients decide when to quit treatment." Northwestern Memorial Hospital, Chicago, Illinois, November 2008.

Speaker, Northwestern Healthcare Corporation. "The blue truth: Addressing depression in patients with coronary heart disease" Chicago, Illinois. October 2008

Speaker, Mini-Med School: Heart 201. "Change of heart: healthy behaviors to enrich your life." The Health Learning Center at Northwestern Memorial Hospital. Chicago, Illinois. October 2008.

Speaker, An Informational Town Hall Meeting for Patients and Families. Sponsored by the Hypertrophic Cardiomyopathy Association and Northwestern Memorial Hospital. "Emotional health in patients with hypertrophic cardiomyopathy." Chicago, Illinois. September 2008.

Lee, Richard, MD

Awards and Honors

2009/10 Elected President of the Medical Faculty Senate Council (MFSC) of the Feinberg School of Medicine for the 2009-2010 academic year.

Presentations

Speaker, Grand Rounds. Thorek Memo-

rial Hospital, Chicago, Illinois, September 5, 2008.

Speaker, Grand Rounds. Northwestern Memorial Hospital, Chicago, Illinois, September 16, 2008.

Speaker, Grand Rounds. St. Alexius Medical Center, Hoffman Estates, Illinois, September 17, 2008.

Moderator/Presenter: The Necessity of Intracardiac and Epicardiac Hybrid Ablation on Atrial Fibrillation. Fuwai Hybrid Forum, Fuwai Hospital, Beijing, People's Republic of China, October 19, 2008.

Debate: Surgical Management of Atrial Fibrillation. 7th International Cardiovascular Conference, Jeddah, Saudi Arabia, November 19, 2008.

Speaker, Surgical Update in Management of Heart Failure. 7th International Cardiovascular Conference, Jeddah, Saudi Arabia, November 19, 2008.

Speaker, Post Cardiac Surgery: Quality or Mortality? 7th International Cardiovascular Conference, Jeddah, Saudi Arabia, November 19, 2008.

Speaker, Hybrid Procedures in CAD: Dead or Alive? 7th International Cardiovascular Conference, Jeddah, Saudi Arabia, November 19, 2008.

Speaker, Current Status of Technology in Atrial Fibrillation Treatment. Korea Surgical AF Workshop, Samsung Medical Center, Seoul, South Korea, November 21, 2008.

Speaker, Status of Lone Atrial Fibrillation Surgery. Korea Surgical AF Workshop, Asan Medical Center, Seoul, South Korea, November 24, 2008.

Speaker, Current Status of Surgery for Lone Atrial Fibrillation. 1st Asia-Pacific Heart Rhythm Society Scientific Session, Singapore, November 27, 2008.

Speaker, Open and Closed Techniques in Atrial Fibrillation Surgery. 1st Asia-Pacific Heart Rhythm Society Scientific Session, Singapore, November 28, 2008.

Debate: Is Lone Atrial Fibrillation a Surgical Disease? 1st Asia-Pacific Heart Rhythm Society Scientific Session, Singapore, November 29, 2008.

Speaker, Atrial Fibrillation and Heart Failure. 4th Annual Heart Failure Holiday Symposium. Northwestern Memorial Hospital/Northwestern University, Chicago, Illinois, December 2008.

Publications

Takagaki M, Wurzer C, Wade R, Lee R, Malaisrie SC, McCarthy PM, McGee EC. Successful conversion of TandemHeart ventricular assist device after implantation of HeartMate XVE. *Ann Thorac Surg* 2008;86:1677-9.

Matsutani N, Lee R, O'Leary J. Thoracoscopic Pulmonary Vein Isolation after Previous Percutaneous Atrial Septal Defect Closure. *J Card Surg*. 2008 Sep 10. [Epub ahead of print]

Beyer EA, Lam BK, Lee R. Minimally invasive bipolar radiofrequency ablation of lone atrial fibrillation: early multicenter results. *J Thorac and Cardiovasc Surg* (in press).

Madonna, Marybeth, MD

Presentations

Presenter, American College of Surgeons, 94th Annual Clinical Congress, Pediatric Surgery Forum, San Francisco, CA, October 12-16, 2008. "Nerve growth factor activates the PP42 survival pathway more in wild-type versus NGF-transduced human SK-N-SH neuroblastoma cells."

Presenter, American Academy of Pediat-

Awards, honors, presentations and publications

rics 2008 National Conference & Exhibition, Section on Surgery, Boston, MA, October 11-14, 2008. "Activation of the P38 pathway in p75-transfected SH-SY-5Y neuroblastoma cells."

Mahvi, David, MD

Awards and Honors

2008 James R. Hines Professor of Surgery, Nov. 2008

2008-09 President elect, Society for Surgery of the Alimentary tract

2008-present Executive program committee, ACS clinical congress

Presentations

Mahvi, DM. "Passion" Fleistrift for Layton Rikkers Madison WI, Sept 2008

Mahvi DM. "Staying out of trouble in the OR- the treatment of an unexpected liver metastasis" American College of Surgeons Clinical Congress San Francisco, CA. Oct 2008

Publications

Schutt D, O'Rourke A, Webster J, Mahvi DM, Will J, Haemmerich D. An electrode array that minimizes blood loss for radiofrequency assisted hepatic resection. *Medical Engineering & Physics*. 2008; 30(4): 454-459.

Prakash P, Deng G, Converse MC, Webster JG, Mahvi DM, Ferris MC. Design optimization of a robust sleeve antenna for hepatic microwave ablation. *Phys. Med. Biol.* 2008; 53: 1057-1069.
Kim C, O'Rourke AP, Will JA, Mahvi DM, Webster JG. Finite element analysis of hepatic cryoablation around a large blood vessel. *IEEE Trans Biomed Eng.* 2008; 55: 2087- 2093.

Wang P, Converse MC, Webster JG, Mahvi DM. "Improved" Calculation of

Reflection Coefficient for Coaxial Antennas with Feed Gap Effect Submitted *IEEE transactions* 2008

Adams DM, Fenton SJ, Schirmer BD, Mahvi DM, Horvath K, Nichol, P. One size does not fit all: Current disposable laparoscopic devices do not fit the needs of female laparoscopic surgeons. *Surgical Endoscopy*. In Press.

Ito F, Mahvi DM, Rikkers LA, Rettammel R, Weber SA. Resection of Hilar Cholangiocarcinoma: Concomitant Liver Resection Decreases Hepatic Recurrence. *Annals of Surgery*. 2008; 248(2): 273-279.

Wang P, Mahvi D, Webster J 'Improved' Calculation of Reflection Coefficient for Coaxial Antennas with Feed Gap Effect *IEEE Transactions on Antennas and Propagation* in press

McCord J, McDonald R, Sippel R, Leverson G, Mahvi D, Weber S. Surgical career choices: the vital impact of mentoring. In press *J Surg Res*

Malaisrie, Chris S., MD

Presentations

Speaker, Contemporary Perioperative Results of Isolated Aortic Valve Replacement for Aortic Stenosis: Implications for Transcatheter Aortic Valve Implantation and Asymptomatic Aortic Stenosis. Online and oral presentation. American Heart Association. 2008 Scientific Sessions (Poster Presentation). New Orleans, LA, November 2008.

Speaker, Diseases of the Aortic Valve and Aortic Root: The Surgical Perspective. 30th Annual Echo Northwestern. Chicago, IL, October 2008.

Speaker, Procedure, Pumps and Paralysis or Transcatheter Heart Valves: Options for Aortic Stenosis. Northwestern University Grand Rounds. Chicago, IL,

September 2008.

Update on Aortic Stenosis: What will be the role of Transcatheter Heart Valves? St. Joseph Hospital Grand Rounds. St. Joseph Hospital. Chicago, IL, August, 2008.

Speaker, Cath Conference. Condell Medical Center. Chicago, IL, July 2008.

Publications

McCarthy PM, Malaisrie SC. Mitral valve repair and replacement, including associated atrial fibrillation and tricuspid regurgitation. In: Otto CM, Bonow RO, eds. *Valvular heart disease : a companion to Braunwald's heart disease*. 3rd ed. Philadelphia, PA: Saunders/Elsevier; 2009: (In Press)

Takagaki M, Wurzer C, Wade R, Lee R, Malaisrie SC, McCarthy PM, McGee EC. Successful conversion of TandemHeart ventricular assist device after implantation of HeartMate XVE. *Ann Thorac Surg* 2008;86:1677-9.

Matsumura, Jon, MD

Awards and Honors

President-Elect of Midwestern Vascular Surgical Society (2008-09)

Faculty of 1000, elected to membership

Vascular Surgery Board of the American Board of Surgery Examiner - Vascular Surgery Certifying Examination 2007, 2008 (along with Mark Morasch, MD).

Presentations

"Treatment of Complex Pathology of the Descending Thoracic Aorta." Gore Advanced Thoracic Workshop, Torino, Italy, October 7, 2008.

"Current Strategies in the Management of Type B Aortic Dissection." Gore Ad-

Awards, honors, presentations and publications

vanced Thoracic Workshop, Torino, Italy, October 7, 2008.

“Techniques to Prevent and Manage Complications.” Gore Advanced Thoracic Workshop, Torino, Italy, October 7, 2008.

“Complication Dissection Type B.” Gore Advanced Thoracic Workshop, Munich, Germany, October 9, 2008.

Publications

Brown KE, Fanciullo D, Hicks T, Landau DS, Baraniewski H, Morasch MD, Matsumura JS, Pearce WH, Eskandari MK, Kibbe MR. Carotid artery stenting compared to carotid endarterectomy performed exclusively in a veteran population: One center’s experience with mid-term results. *Ann Surg* 2008;248:110-116.

Brown KE, Heyer KS, Matsumura JS, Eskandari MK. Late Type III endoleak and graft failure of an Ancure stent graft. *JVIR* 2008;19(10):1506-8.

Matsumura JS, Cambria RP, Dake MD, Moore RD, Svensson LG, Snyder S for the TX 2 Clinical Trial Investigators. International controlled clinical trial of TEVAR with the TX2: One-year results. *J Vasc Surg*, 2008;47(2):247-257; discussion 257.

Tang GL, Matsumura JS, Morasch MD, Pearce WH, Nguyen A, Amaranto D, Eskandari MK. Carotid angioplasty and stenting vs. carotid endarterectomy for asymptomatic disease: Single center experience. *Arch Surg* 2008;143(7):653-658.

Book Editorship

Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Matsumura JS, Rosenfield K, Ansel G, Chaturvedi S, Gray W, Riles T, Wechsler L. Update on Act I. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Book Chapters

Pearce WH. A Tribute to Robert B. Rutherford, M.D. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Matsumura JS, Rosenfield K, Ansel G, Chaturvedi S, Gray W, Riles T, Wechsler L. Update on Act I. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Eskandari MK. Techniques for Carotid Artery Stenting. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Morasch MD. Minimally Invasive Endovascular Repair of Acute and Chronic Thoracic Aortic Pathology. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Vavra A, Rodriguez HE. Endoconversion after Open and Endovascular Repair. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

McCarthy, Patrick, MD

Awards and Honors

Received 2008 Socrates Teaching Award. The Socrates Award is an annual award given by the Thoracic Surgery Residents Association to an outstanding faculty member in cardiothoracic surgery in recognition of his/her commitment to resident education and mentorship.

Presentations

Speaker, Overview of Cardiac Surgery. BCVI Medical Student Summer Lecture Series. Northwestern University Feinberg School of Medicine, Chicago, IL July 2008.

Speaker, Perspectives on Atrial Fibrillation and Transcatheter Valves Intervention. Michigan Society of Thoracic & Cardiovascular Surgeons. Traverse City, MI, August 2008.

Speaker, Mitral Valve Surgery. Roundtable Discussant. Michigan Society of Thoracic & Cardiovascular Surgeons. Traverse City, MI, August 2008.

Speaker, Surgical Correction of Mitral Valve Disorders. Cardiology Grand Rounds. Northwestern University Feinberg School of Medicine, Chicago, IL, August 2008.

Speaker, Valvular Heart Disease. Core Curriculum Conference. Northwestern University Feinberg School of Medicine, Chicago, IL, September 2008.

Speaker, Operative Maze Procedures: Do They Work? ACCF Heart Valve Summit. Chicago, IL, September 2008.

Speaker, Severe MR, Mild to Moderate TR. ACCF Heart Valve Summit. Chicago, IL, September 2008.

Speaker, Who Should Have Ventricular

Awards, honors, presentations and publications

Remodeling with Mitral Valve Repair? ACCF Heart Valve Summit. Chicago, IL, September 2008.

Speaker, Surgical Treatment of Hypertrophic Cardiomyopathy. Bluhm Cardiovascular Institute at Northwestern Memorial Hospital and Hypertrophic Cardiomyopathy Association. Chicago, IL, September 2008.

Speaker, Heart Valve Surgery: The Surgeon's Perspective. 30th Annual Echo Northwestern, Chicago, IL, October 2008.

Speaker, A Perspective on Valve Surgery and AFib Ablation: No More Rat Poison! 14th Annual Northeast Cardiothoracic Surgical Society Meeting. East Madison, NH, October 2008.

Speaker, Cardiac Surgical Anatomy. Loyal Davis Surgical Society at Northwestern University, Chicago, IL, November 2008.

Speaker, MVR and AVR in Heart Failure. 4th Annual Heart Failure Holiday Symposium. Northwestern Memorial Hospital/Northwestern University, Chicago, IL, December 2008.

Speaker, Future of Surgical Treatment of Heart Failure. 4th Annual Heart Failure Holiday Symposium. Northwestern Memorial Hospital/Northwestern University, Chicago, IL, December 2008.

Speaker, Thoughts on the Ring Trilogy and Medical Innovation. Northwestern University's Chapter (Gamma) of Alpha Omega Alpha, Honor Medical Society, Chicago, IL, December 2008.

Publications

Wierup P, Egeblad H, Lyager Nielsen S, Schersten H, Kimblad PO, Bech-Hansen O, Roijer A, Nilsson F, McCarthy PM, Bouchard D, Jacobsen J, Paaske Johnsen S, Hvitfeldt Poulsen S, Mølgaard H. Moderate mitral regurgitation in pa-

tients undergoing CABG - the MoMIC trial. *Scand Cardiovasc J* 2008;1-7.

McCarthy PM, Malaisrie SC. Mitral valve repair and replacement, including associated atrial fibrillation and tricuspid regurgitation. In: Otto CM, Bonow RO, eds. *Valvular heart disease: a companion to Braunwald's heart disease*. 3rd ed. Philadelphia, PA: Saunders/Elsevier; 2009: (In Press)

McCarthy PM, McGee EC. Aortic Valve Replacement for Severe AS/AI with Advanced Left Ventricular Dysfunction. In: Morgan JA, Yoshifumi N, eds, *Atlas of Surgical Treatment of Advanced Heart Failure*. In Preparation October 2008.

Takagaki M, Wurzer C, Wade R, Lee R, Malaisrie SC, McCarthy PM, McGee EC. Successful conversion of TandemHeart ventricular assist device after implantation of HeartMate XVE. *Ann Thorac Surg* 2008;86:1677-9.

Buck DW, McCarthy PM, McGee E Jr, Kim JY. Exposed left ventricular assist device salvage using the components separation technique. *Plast Reconstr Surg*. 2008 Dec;122(6): 225e-7e.

McGee, Edwin, MD

Awards and Honors

Presentations

Speaker, Coronary Artery Bypass Graft with Poor Lung Function. Session: Revascularization in High-Risk Groups: The Good, the Bad and the Ugly. Presented at the American Heart Association - 2008 Scientific Sessions. November 2008.

Publications

McGee EC. Should moderate or greater mitral regurgitation be repaired in all patients with LVEF <30%? *Circ Heart Fail*. 2008; 1:285-289.

McCarthy PM, McGee EC. Aortic Valve Replacement for Severe AS/AI with Advanced Left Ventricular Dysfunction. In: Morgan JA, Yoshifumi N, eds, *Atlas of Surgical Treatment of Advanced Heart Failure*. In Preparation October 2008.

Takagaki M, Wurzer C, Wade R, Lee R, Malaisrie SC, McCarthy PM, McGee EC. Successful conversion of TandemHeart ventricular assist device after implantation of HeartMate XVE. *Ann Thorac Surg* 2008;86:1677-9.

Buck DW, McCarthy PM, McGee E Jr, Kim JY. Exposed left ventricular assist device salvage using the components separation technique. *Plast Reconstr Surg*. 2008 Dec;122(6): 225e-7e.

Morasch, Mark, MD

Awards and Honors

2007-2008 Vascular Surgery Board of the American Board of Surgery, Examiner, Vascular Surgery Certifying Examination

Society for Vascular Surgery, Distinguished Fellow, Health Policy Committee

2008 Society for Vascular Surgery, Quality Measure Development Committee, National Quality Forum measure "Postprocedural Stroke or Death in Asymptomatic Patients undergoing Carotid Angioplasty and Stenting with Embolic Protection," October

Presentations

Visiting Professor, "Debranching Aortic Procedures for TEVAR". University of Iowa, Iowa City, IA, October 25, 2008.

Moderator, "EVAR II." 33rd Annual Northwestern Vascular Symposium - Techniques and Outcomes in Endovascular Surgery, Chicago, IL, December 12, 2008.

Awards, honors, presentations and publications

“Pay for Performance, What Does it Mean?” Resident Seminar Series, Northwestern Memorial Hospital, July 1, 2008

“EVAR for the Treatment of Ruptured AAA.” Midwestern Vascular Surgical Society Annual Meeting 2008, Madison, WI, September 12, 2008.

“Percutaneous Abdominal Aortic Aneurysm Repair: Techniques and Outcomes.” Gore Theatre at the AIMsymposium/VEITHsymposium, New York, NY, November 20, 2008.

“Technique for Subclavian to Carotid Transposition: Tips and Tricks and Why a Bypass is Almost Never Indicated.” VEITH Symposium, New York, NY, November 22, 2009.

“TEVAR.” 33rd Annual Northwestern Vascular Symposium – Techniques and Outcomes in Endovascular Surgery, Chicago, IL, December 12, 2008.

Posters

Hogg ME, Flannery WD, Morasch MD. Sustained Sac Regression with Gore Excluder Low-Permeability Endoprosthesis at Mid-Term Follow-up. Midwestern Vascular Surgical Society Annual Meeting 2008, Madison, WI, September 11, 2008.

Publications

Brown KE, Fanciullo D, Hicks T, Landau DS, Baraniewski H, Morasch MD, Matsumura JS, Pearce WH, Eskandari MK, Kibbe MR. Carotid artery stenting compared to carotid endarterectomy performed exclusively in a veteran population: One center’s experience with mid-term results. *Ann Surg* 2008;248:110-116.

Tang GL, Matsumura JS, Morasch MD, Pearce WH, Nguyen A, Amaranto D, Eskandari MK. Carotid angioplasty and stenting vs. carotid endarterectomy for

asymptomatic disease: Single center experience. *Arch Surg* 2008;143(7):653-658.

Book Editorship

Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Book Chapters

Pearce WH. A Tribute to Robert B. Rutherford, M.D. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Matsumura JS, Rosenfield K, Ansel G, Chaturvedi S, Gray W, Riles T, Wechsler L. Update on Act I. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Morasch MD. Minimally Invasive Endovascular Repair of Acute and Chronic Thoracic Aortic Pathology. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Morasch MD. Upper Extremity Occlusive Disease/Thoracic Outlet Syndrome. In Mullholland M, Lillemore K, Doherty G, Maier R, Upchurch G, Simeone D eds. *Greenfield’s Surgery: Principles & Practice*, 5th Edition, Lippincott, Williams & Wilkins, Philadelphia, PA, 2008.

Vavra A, Rodriguez HE. Endoconversion after Open and Endovascular Repair. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Published Abstracts

Hogg ME, Flannery WD, Morasch MD. Sustained Sac Regression with Gore Excluder Low-Permeability Endoprosthesis at Mid-Term Follow-up. Midwestern Vascular Surgical Society Annual Meeting 2008, Madison, WI, September 11, 2008.

Muldoon, Joseph, MD

Presentations

“Robotic Surgery for Rectal Cancer.” Midwest Symposium for Colon and Rectal Cancer. Renaissance NorthShore Hotel, Northbrook, IL, September 13, 2008.

Pearce, William, MD

Awards and Honors

Faculty Mentor of the Year, Northwestern University Feinberg School of Medicine, 2008
America’s Top Doctors, 2008

American Vascular Association, Chair, National Open the Pathway Campaign

Presentations

“Unusual Vascular Cases.” Vascular Interdisciplinary Clinical Rounds, Northwestern Memorial Hospital, Chicago, IL, October 1, 2008.

“Upper and Lower Arterial Flow, Arterial Duplex, Graft Surveillance.” Vascular Physician’s Interpretation Course, Chicago, IL, October 4-5, 2008.

“Arteriovenous Malformation, AVF, AV Grafts, Pseudoaneurysm, Transcranial Doppler (TCD), Lab Quality.” Vascular Physician’s Interpretation Course, Chicago, IL, October 4-5, 2008.

Moderator. Vascular Medicine for the Practicing Clinician, Chicago, IL, October

Awards, honors, presentations and publications

22, 2008.

"Blood Clots in the Upper Extremity." *Vascular Medicine for the Practicing Clinician*, Chicago, IL, October 22, 2008.

Discussant, "Does Axillosubclavian Vein Thrombosis Oblige First Rib Resection" (Johansen KH). *Western Surgical Association*, Santa Fe, NM, November 9-12, 2008.

"A Tribute to Dr. Robert Rutherford." *Techniques and Outcomes in Endovascular Surgery*, Chicago, IL, December 11-13, 2008.

Publications

Ahanchi SS, Varu VN, Tsihlis ND, Martinez J, Pearce CG, Kapadia MR, Jiang Q, Saavedra JE, Keefer LK, Hrabie JA, Kibbe MR. Heightened Efficacy of Nitric Oxide-Based Therapies in Type II Diabetes Mellitus and Metabolic Syndrome. *Am J Physiol Heart Circ Physiol* 2008 Dec;295(6):H2388-98.

Brown KE, Fanciullo D, Hicks T, Landau DS, Baraniewski H, Morasch MD, Matsumura JS, Pearce WH, Eskandari MK, Kibbe MR. Carotid artery stenting compared to carotid endarterectomy performed exclusively in a veteran population: One center's experience with mid-term results. *Ann Surg* 2008;248:110-116.

McDermott MM, Tian L, Ferrucci L, Liu K, Guralnik JM, Liao Y, Pearce WH, Criqui MH. Associations between lower extremity ischemia, upper and lower extremity strength, and functional impairment with peripheral arterial disease. *J Am Geriatr Soc* 2008;56:724-729.

McDermott MM, Tian L, Liu K, Guralnik JM, Ferrucci L, Tan J, Pearce WH. Prognostic value of functional performance for mortality in patients with peripheral artery disease. *J Am Coll Cardiol* 2008;51:1482-1489.

Tang GL, Matsumura JS, Morasch MD, Pearce WH, Nguyen A, Amaranto D,

Eskandari MK. Carotid angioplasty and stenting vs. carotid endarterectomy for asymptomatic disease: Single center experience. *Arch Surg* 2008;143(7):653-658.

Yao JST, Pearce WH, Adiga KR, Sicard G. International exchange programme in vascular surgery: New initiatives from America. *Asian J Surg* 2008; 31:164-165.

Book Editorship

Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Book Chapters

Pearce WH. A Tribute to Robert B. Rutherford, M.D. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Pearce WH, Shively VP. Inflammatory Pathogenesis and Pathophysiology of Abdominal Aortic Aneurysms. In Upchurch G, Criado E, Eds. *Aortic Aneurysms: Pathogenesis and Treatment*, The Humana Press Inc., Totowa, NJ, 2008.

Pearce WH, Tang G. Open Abdominal Aortic Aneurysm. In Safi H, McPherson D, eds., *Frontiers in Aortic Disease: The Houston Aortic Symposium*, Greenwood Academic, Evanston, IL, 2008.
Matsumura JS, Rosenfield K, Ansel G, Chaturvedi S, Gray W, Riles T, Wechsler L. Update on Act I. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Eskandari MK. Techniques for Carotid Artery Stenting. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic,

Evanston, IL, 2008 (©2009).

Morasch MD. Minimally Invasive Endovascular Repair of Acute and Chronic Thoracic Aortic Pathology. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).
Vavra A, Rodriguez HE. Endoconversion after Open and Endovascular Repair. In Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Electronic Media

Pearce WH. Open Reconstruction of the Great Vessels. *The Houston Aortic Symposium DVD Set*. Promedica International CME, 2008.

Society Leadership Positions

Prystowsky, Jay B., MD

Awards and Honors

2008 Received Excellence in Teaching Award, for 2007-2008

Pugh, Carla M., MD, PhD

Awards and Honors

Marquis "Who's Who in America" 2008 Edition

Marquis "Who's Who in Science & Engineering" 2008 Edition

Keynote Speaker – Chicago High School for Agricultural Sciences – Job Fair – January 29, 2008

Feature Article in the New York Times – February 12, 2008, <http://www.nytimes.com/2008/02/12/health/12prof.html>

Interview with National Public Radio -

Awards, honors, presentations and publications

February 13, 2008

<http://www.npr.org/templates/story/story.php?storyId=18939055>

Visiting Professorship – New York Hospital Queens – March 19, 2008

Appearance on the Chicago Public School – CPS Now! Television Show

Best Paper Award – Association of Surgical Education – May 2008

Feinberg School of Medicine – Medical Student Summer Research Mentor

Presentations

Panelist. How can members of SSH better collaborate with Industry to develop systems that meet their needs? 8th Annual Meeting on Simulation in Healthcare. January 2008.

Moderator. Surgical Simulation Session - 16th Annual Medicine Meets Virtual Reality Surgical Simulation Conference. January 2008.

Speaker. Use of Cognitive Task Analysis to Define Cognitive Learning Objectives in Surgery. 16th Annual Medicine Meets Virtual Reality Surgical Simulation Conference. January 2008.

Panelist. Design, Development and Evaluation of Cognitive Simulators. 16th Annual Medicine Meets Virtual Reality Surgical Simulation Conference. January 2008.

Moderator – Surgical Education Session - 3rd Annual Academic Surgical Congress February 13-15, 2008

Invited Speaker - Taking Innovation to the Marketplace and Navigating Conflicts of Interest. 3rd Annual Academic Surgical Congress February 13-15, 2008

Panelist – The Changing Face of Surgical Education: Simulation as the New

Paradigm. 3rd Annual Academic Surgical Congress February 13-15, 2008

Publications

Lo DJ, Bilimoria KY, Pugh CM. Bowel complications after prolene hernia system (PHS) repair: a case report and review of the literature.

Hernia. 2008 Jan 31. [Epub ahead of print]

Scott DJ, Cendan JC, Pugh CM, Minter RM, Dunnington GL, Kozar RA. The changing face of surgical education: simulation as the new paradigm. *J Surg Res.* 2008 Jun 15;147(2):189-93.

Pugh CM, Domont ZB, Salud LH, Blossfield KM. A simulation-based assessment of clinical breast examination technique: do patient and clinician factors affect clinician approach? *Am J Surg.* 2008 Jun;195(6):874-80.

Pugh, CM, Blossfield, KM, Salud, LH. Use of Mannequin-Based Simulation to Decrease Student Anxiety Prior to Interacting with Male Teaching Associates. *Teach Learn Med.* (Accepted March 2008)

Rodriguez, Heron, MD

Presentations

“Mesenteric, Renal, Abdominal Aneurysm, Endografts, Dissection, Transplants.” Vascular Physician’s Interpretation Course, Chicago, IL, October 4-5, 2008.

“Endoconversion after Open and Endovascular Repair.” 33rd Northwestern Vascular Symposium, Chicago, IL, December 12, 2008.

Publications

Book Chapters

Vavra A, Rodriguez HE. Endoconversion after Open and Endovascular Repair. In

Matsumura JS, Morasch MD, Pearce WH, Yao JST, eds. *Techniques and Outcomes in Endovascular Surgery*, Greenwood Academic, Evanston, IL, 2008 (©2009).

Electronic media

Rodriguez HE. *Peripheral Vascular Disease: From Diagnosis to Treatment*. Northwestern Memorial Hospital Patient Power webcast, September 23, 2008.

Roy, Nakshatra K., PhD

Presentations

“Use of Rabbit Ear Scarring Model to Elucidate Mechanisms of Scarring, and Test Therapeutic Strategies”. Mustoe, T.A., Roy, N., Sisco, M., O’Shaughnessy, K. Presented at the 9th New Jersey Symposium On Biomaterials Science And Regenerative Medicine. New Brunswick, NJ, October 29-31, 2008.

Publications

Mark Sisco, Zol B. Kryger, Kristina D. O’Shaughnessy, Peter S. Kim, Greg W. Schultz, Xian-Zhong Ding, Nakshatra K. Roy, Nicholas M. Dean, Thomas A. Mustoe (2008). “Antisense Inhibition of Connective Tissue Growth Factor mRNA limits Hypertrophic Scarring without affecting Wound Healing in vivo”. *Wound Repair & Regeneration* 16: 661-673.

Shapiro, Michael, MD

Awards and Honors

Appointed Interim Chief, Division of Trauma, and Trauma Program Director, Northwestern Memorial Hospital

Outstanding Teacher Award, Northwestern University Feinberg School of Medicine

Publications

Awards, honors, presentations and publications

Peer-Reviewed

Cuschieri J, Freeman B, O'Keefe G, Harbrecht BG, Bankey P, Johnjon JL, Minei JP, Sperry J, West M, Nathens A, Moore EE, Maier RV, and the Inflammation and the Host Response to Injury Collaborative Research Program (Shapiro, MB). Inflammation and the Host Response to Injury, a Large-Scale Collaborative Project: Patient-Oriented Research Core Standard Operating Procedure for Clinical Care X: Guidelines for Venous Thromboembolism Prophylaxis in the Trauma Patient. *Journal of Trauma* 2008, 65:944-950.

Sperry JL, Ochoa JB, Gunn SR, Alacron LH, Minei JP, Cuschieri J, Rosengart MR, Maier RV, Billiar TR, Peitzman AB, Moore EE, and the Inflammation and the Host Response to Trauma Collaborative Research Program Participants (Shapiro MB). An FFP:PRBC Transfusion Ratio >1:1.5 is Associated With A Lower Risk Of Mortality After Massive Transfusion. *Journal of Trauma* 2008, 65:986-993.

West MA, Moore EE, Shapiro MB, Nathans AB, Johnson JL, Minei JP, Bankey P, Freeman B, Harbrecht BG, Maier RV, McKinley B, and the Inflammation and the Host Response to Injury Investigators. Inflammation and the Host Response to Injury, a Large-Scale Collaborative Project: Patient-Oriented Research Core-Standard Operating Procedures for Clinical Care VII: Guidelines for Antibiotic Administration Severely Injured Patients. *Journal of Trauma* 2008, 65:1511-1519.

O'Keefe GE, Shelton M, Cuschieri J, Moore EE, Lowry SF, Harbrecht BG, Maier RV, and the Inflammation and the Host Response to Injury Collaborative Research Program (Shapiro, MB). Inflammation and the Host Response to Injury, a Large-Scale Collaborative Project: Patient-Oriented Research Core-Standard Operating Procedures for Clinical Care VIII-Nutritional Support of the Trauma Patient. *Journal of Trauma*. 2008, 65:1520-1528.

Crandall MA, Shapiro MB, Worley M, West MA. Acute Uncomplicated Appendicitis: Case Time of Day Influences Hospital Length of Stay. *Surgical Infections* 2008 (in press).

Evans HL, Maier RV, Harbrecht BG, Cuschieri J, Moore EE, Shapiro MB, Johnson JL, Minei JP, Bankey PE, West MA, and the Inflammation and the Host Response to Injury Collaborative Research Program. Inflammation and the Host Response to Injury, a Large-Scale Collaborative Project: Patient-Oriented Research Core-Standard Operating Procedures for Clinical Care IX: Definitions for Complications of Clinical Care in Critically Injured Patients. *Journal of Trauma* 2008 (in press).

Book Chapters

West, MA, Shapiro MB. Intra-abdominal Infections. In: Norton JA, Barie PS, Bollinger R, et al (eds): *Surgery: Basic Science and Clinical Evidence*. New York, Springer, p. 259-272, 2008.

Shapiro MB. Open Gastrotomy. In: Soper NJ, Kaufman DB (eds): *Northwestern Handbook of Surgical Procedures*, second edition. Georgetown, TX, Landes Bioscience, 2008, in press.

Issa N, Shapiro MB. Acute Respiratory Distress Syndrome. In: Rabinovici R, Frankel H, Kirton O (eds): *Trauma, Surgical Critical Care and Surgical Emergencies*. Informa, 2008, in press.

Soper, Nathaniel J., MD

Presentations

2008 Chair, EITS, International NOTES Hands-On course, Strasbourg, France

2008 Visiting Professor, Cedar-Sinai Medical Center, Los Angeles, CA

2008 David Fromm Visiting Research Professor, Wayne State University, Detroit, MI

2008 Invited Speaker, International Conference on Minimally Invasive Surgery, Barcelona, Spain

Publications

Vaziri K, Soper NJ. Laparoscopic Heller Myotomy: Technical Aspects and Operative Pitfalls. *J Gastrointest Surg*, 12: 1586-1591

Bilimoria KY, Bentrem DJ, Nelson H, Stryker SJ, Stewart AK, Soper NJ, Russell TR, Ko CY. (2008) Use and Outcomes of Laparoscopic-Assisted Colectomy for Cancer in the United States. *Am J Surg*, 143 (9): 832-840.

Phillips EH, Toouli J, Pitt HA, Soper NJ (2008) Treatment of Common Bile Duct Stones Discovered during Cholecystectomy. *J Gastrointest Surg* 10: 12: 624-682.

Bilimoria KY, Bentrem DJ, Stryker SJ, Nelson H, Merkow RP, Wang E, Ko CY, Soper NJ (2008) Laparoscopic-Assisted vs. Open Colectomy for Cancer: Comparison of Short-Term Outcomes from 121 Hospitals. *J Gastrointest Surg*, 12: 11: 2001-2009.

Auyang ED, Vaziri K, Volckmann E, Martin JA, Soper NJ, Hungness ES (2008) NOTES: Cadaveric rendezvous hybrid small bowel resection. *Surg Endosc*, 22 (10): 2277-8

Vaziri K, Hungness ES, Pearson EG, Soper NJ; (2008) Laparoscopic Treatment of Celiac Artery Compression Syndrome: A review of current treatment modalities; *Journal of GI Surgery*, ISSN: 1091-255X (Print) 1873-4626 (Online)

Awards, honors, presentations and publications

Talamonti, Mark, MD

Publications

Refereed Journal Articles

Yang AD, Melstrom LG, Bentrem DJ, Ujiki, MB, Wayne JD, Bell RH, Rao SM, Talamonti MS. Outcomes after pancreatotomy for intraductal papillary mucinous neoplasms of the pancreas – An institutional experience. *Surgery* 142(4): 529-537, 2008.

Bilimoria KY, Bentrem DJ, Stewart AK, Talamonti MS, Winchester DP, and Ko CY. Adequacy and importance of lymph node evaluation for colon cancer in the elderly. *J Am Coll Surg* 206 (2): 247-254, 2008.

Bilimoria KY, Bentrem DJ, Stewart AK, Freel A, Winchester DP, Russell TR, Talamonti MS, and Ko CY. Impact of tumor location on nodal evaluation for colon cancer. *Dis Colon Rectum* 51(2): 154-161, 2008.

Bilimoria KY, Talamonti MS, Tomlinson JS, Stewart AK, Ko CY, Bentrem DJ. Prognostic score predicting survival after resection of pancreatic neuroendocrine tumors: Analysis of 3,851 patients. *Ann Surg* 246(3): 490-500, 2008.

Small W, Berlin J, Freedman GM, Lawrence T, Talamonti MS, Mulcahy MF, Chakravarthy AB, et al. Full-dose gemcitabine with concurrent radiation therapy in patients with non-metastatic pancreatic cancer: a multicenter phase II trial. *J Clin Oncol* 26: 942-947, 2008.

Sato KT, Lewandowski RJ, Mulcahy MF, Talamonti MS, et al., Use of Yttrium-90 microspheres for the treatment of unresectable liver metastases in chemorefractory patients: toxicities, response and survival. *Radiology* 247 (2):507-515, 2008.

Bilimoria KY, Bentrem DJ, Ko CY, Lange JR, Talamonti MS, Winchester DP,

Balch, CM, Wayne JD. Complete lymph node dissection for sentinel node-positive melanoma: variable adherence with consensus guidelines in the United States. *Ann Surg Oncol* 15 (6): 1566-1576, 2008.

Gawron AJ, Gapstur SM, Fought AJ, Talamonti MS, Skinner HG. Sociodemographic and tumor characteristics associated with pancreatic cancer surgery in the United States. *J Surg Oncol Jun* 1; 97(7): 578-582, 2008.

Bilimoria KY, Talamonti MS, Wayne JD, Tomlinson JT, Stewart AK, Ko CY, and Bentrem DJ. Impact of hospital type and volume on lymph node evaluation for gastric and pancreatic cancer. *Arch Surg* 143(7): 671-678, 2008.

Golkar L, Salvino MJ, Blum MG, Talamonti MS, Bentrem DJ, Angelos PA, Printen K J. Adenocarcinoma of the gastroesophageal junction after bariatric surgery. *Am J Surg* 196(1):135-138, 2008.

Abbott DE, Halverson AL, Wayne JD, Kim JY, Talamonti MS, Dumanian, GA. The oblique rectus abdominal myocutaneous flap for complex pelvic wound reconstruction. *Dis Colon Rectum* 51(8): 1237-1241, 2008.

Bilimoria KY, Bentrem DJ, Ko CY, Stewart AK, Winchester DP, Talamonti MS, Halverson AL. Squamous cell carcinoma of the anal canal: utilization and outcomes of recommended treatment in the United States. *Ann Surg Oncol* 15(7): 1948-1958, 2008.

Kim L, Liao J, Zhang M, Talamonti MS, Bentrem DB, Rao S, Yang AG. Clear cell carcinoma of the pancreas: histopathologic features and a unique biomarker: hepatocyte nuclear factor-1 beta. *Mod Path* 21(9): 1075-1083, 2008.

Kooby DA, Gillespie T, Bentrem DB, Naakeb A, Schmidt MC, Merchant NB,

Pariikh AA, Martin RC, Scoggins CR, Ahmad S, Kim HJ, Park J, Johnstons F, Strouch MJ, Mense A, RymerJ, McClain R, Strasberg SM, Talamonti MS, Staley CA, McMaster KM, Lowy AM, Byrd-Sellers J, Wood WC, Hawkins WG. Left-sided pancreatectomy: a multicenter comparison of laparoscopic and open approaches. *Ann Surg* 248(3): 438-446. 2008.

Bilimoria KY, Bentrem DJ, Feinglass JM, Stewart AK, Winchester DP, Talamonti MS. Directing surgical quality improvement initiatives in the United States: Comparison of perioperative mortality and long-term survival for cancer surgery. *J Clin Oncol* 26 (28): 4626-4633. 2008.

Bilimoria KY, Bentrem DJ, Stewart AK, Winchester DP, Russell TR, Talamonti MS, Ko CY. Lymph node evaluation as a surgical quality indicator for colon cancer: The first national hospital report card. *J Natl Cancer Inst.* 100 (18): 1310-1317. 2008.

Bilimoria KY, Talamonti MS, Sener SF, Bilimoria MM, Stewart AK, Winchester DP, Ko CY, Bentrem DJ. Impact of hospital volume on margin status for pancreatic cancer resections in the United States. *J Am Coll Surg* 207: 510-519, 2008.

Melstrom LG, Bentrem DJ, Salabat MR, Kennedy TJ, Ding XZ, Talamonti MS, et al. Overexpression of 5-lipoxygenase in colon polyps and cancer and the effect of 5-LOX inhibitors in vitro and in a murine model. *Clin Cancer Res.* 14(20): 6525-6530, 2008.

Schmidt CM, Matos JM, Bentrem DJ, Talamonti MS, Lillemoe KD, Bilimoria KY. Acinar cell carcinoma of the pancreas in the United States: prognostic factors and comparison to ductal adenocarcinoma. *J. Gastrointest Surg.* 12:2078-2086, 2008.

Bilimoria KY, Bentrem DJ, Wayne JD, Ko

Awards, honors, presentations and publications

CY, Bennett CL, Talamonti MS. Small bowel cancer in the United States: changes in epidemiology, treatment and survival over the last 20 years. *Ann Surg* 249 (1):63-72, 2009.

Ujiki, Michael, MD

Presentations

Diwan TS, Ujiki M, Dunst CM, Swanstrom LL. A new technique for placement of biologic mesh in laparoscopic paraesophageal hernia repair. Presented at the World Congress of Endoscopic Surgery in Yokohama, Japan, September 2008.

Publications

Salabat MR, Melstrom LG, Strouch MJ, Ding XZ, Milam BM, Ujiki MB, Chen C, Pelling JC, Rao S, Grippo PJ, McGarry TJ, Bentrem DJ. Geminin is overexpressed in human pancreatic cancer and down-regulated by the bioflavonoid apigenin in pancreatic cancer cell lines. *Mol Carcinog*. 2008 Nov 47(11):835-44.

Diwan TS, Ujiki M, Dunst CM, Swanstrom LL. Biomech placement in laparoscopic repair of paraesophageal hernias. *Surg Innov*. 2008 Sep;15(3):184-187.

Book Chapters

Ujiki MB, Dunst CM. Surgical Palliation-Current Role. Jobe BA: *Esophageal Tumors: Principles and Practice*, first Ed. 2008.

Ujiki MB, Soper NS. Laparoscopy and

the Elderly. Matteotti R: *Minimally Invasive Surgical Oncology-State of the Art Cancer Management*, first Ed. 2008.

Ujiki MB, Swanstrom LL. Cancer of the Esophagus and Gastroesophageal Junction-Total Laparoscopic Approach. Matteotti R: *Minimally Invasive Surgical Oncology-State of the Art Cancer Management*, first Ed. 2008.

Wayne, Jeffrey, MD

Awards and Honors

2008 Awarded Outstanding Teacher, Northwestern University Feinberg School of Medicine

Publications

Wayne JD, Tyagi R, Reinhardt G, Rooney D, Makoul G, Chopra S and DaRosa D. Simple Standardized Patient Hand-off System that Increases Accuracy and Completeness. *Journal of Surgical Education* 2008 November/December; 65 (6) (In Press).

Bilimoria KY, Talamonti MS, Wayne JD, Tomlinson JS, Stewart AK, Ko CY and Bentrem DJ. Impact of Hospital Type and Volume on Lymph Node Evaluation for Gastric and Pancreatic Cancer. *Archives of Surgery* 2008; 143(7): 671-678.

Srinivasan VD, Wayne JD, Rao SM, and Zynger DL. Solitary fibrous tumor of the pancreas: case report with cytologic and surgical pathology correlation and review of the literature. *Journal of the Pan-*

creas 2008; 9(4): 526-30.

Gerami P, Guitart J, Martini M, Wayne JD and Kuzel T. Cyclin D1 homogeneous staining regions by fluorescent in situ hybridization: a possible indicator if aggressive behavior in melanoma. *Archives of Dermatology* 2008; 144(9).

Winchester, David J., MD

Presentations

"Lymphoma, Sarcoma, and Melanoma". American Physician Institute Board Review Course, Chicago, Illinois, October 24, 2008

Winchester, David P., MD

Publications

Bilimoria, KY, Bentrem DJ, Feinglass JM, Stewart AK, Winchester DP, Talamonti MS, Ko CY. Directing surgical quality improvement initiatives: Comparison of perioperative mortality and long-term survival for cancer surgery. *Journal of Clinical Oncology* 26(22):1-8 August 2008. Winchester DP. The National Accreditation Program for Breast Centers: A multidisciplinary approach to improve the quality of care for patients with diseases of the breast. *The Breast Journal* 14(5):409-411 November 2008.

